

RSSB Paramedical Staff Various Post 2025 Syllabus

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21. राष्ट्रीय स्वास्थ्य मिशन एवं राजस्थान मेडिकल एज्युकेशन सोसायटी के विभिन्न संविदा के पदों हेतु परीक्षा की स्कीम एवं पाठ्यक्रम:-

(i) परीक्षा की स्कीम

1. प्रश्न पत्र में बहुविकल्पीय प्रकार के प्रश्न होंगे व सभी प्रश्नों के अंक समान होंगे।
2. परीक्षा का समय 2 घंटा 30 मिनट (150 मिनट)
3. प्रश्न पत्र में प्रश्नों की संख्या 150 रहेगी।
4. प्रत्येक प्रश्न 3 अंक को होगा
5. गलत जवाब दिये जाने नकारात्मक अंक (-1 अंक) काटा जायेगा)
6. अभ्यर्थी को न्यूनतम उत्तीर्णांक 40 प्रतिशत अर्जित किया जाना आवश्यक है। तथा अनुसूचित जाति (एससी) एवं अनुसूचित जनजाति (एसटी) प्रवर्ग के लिए 5 प्रतिशत का शिथिलन प्रदान किया जावेगा। इससे कम अंक प्राप्त करने वाले अभ्यर्थी नियुक्ति के लिये पात्र नहीं होंगे।



(ii) परीक्षा का पाठ्यक्रम

1. सविदा सामुदायिक स्वास्थ्य अधिकारी (सीएचओ) (Contractual Community Health Officer (CHO))

Details	Total Marks:450
<p>(A) GENERAL KNOWLEDGE & GENERAL SCIENCE AND CURRENT AFFAIRS</p> <ol style="list-style-type: none">1. History of India.2. Indian National Movement with important events in Rajasthan.3. Geography of India & Rajasthan.4. Economy India & Rajasthan.5. India & Rajasthan- State & Governance, Constitution, Political System, Panchayati Raj System.6. Biodiversity in environmental conditions, climate change.7. Main features of society of Rajasthan, social problem, culture of Rajasthan.8. Current Events- India, Rajasthan & World.9. General Science (10th standard)	45 Marks
<p>(B) GENERAL ENGLISH & HINDI</p> <ul style="list-style-type: none">• GENERAL ENGLISH<ol style="list-style-type: none">1. Multiple choice question /objective type questions will be asked to assess, inference analysis, interpretation, evaluation & vocabulary, grammatical items, levels of accuracy.2. Accurate use of spelling, punctuation, grammar in context will be assessed through gap filling /editing /transformation exercises etc.3. Tenses4. Rearranging of jumbled sentences5. Narration (Direct & Indirect)6. Modals7. Articles & Determiners8. Comprehension with blanks to be filled in with<ol style="list-style-type: none">a. Phrases, Pronouns , Homonyms /Homophones	45 Marks

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9. Clauses
10. Synonyms and antonyms
11. Pairs of words and their use in meaningful sentences
12. Idioms and phrases
13. Active & passive voice
14. Uses of prepositions.

• सामान्य हिन्दी-

1. दिये गये शब्दों की संधि एवं शब्दों का संधि-विच्छेद।
2. उपसर्ग एवं प्रत्यय-इनके संयोग से शब्द-संरचना तथा शब्दों से उपसर्ग एवं प्रत्यय को पृथक करना, इनकी पहचान।
- 3- समस्त (सामासिक) पद की रचना करना, समस्त (सामासिक) पद का विग्रह करना।
4. शब्द युग्मों का अर्थ भेद।
5. पर्यायवाची शब्द और विलोम शब्द।
6. शब्द शुद्धि - दिये गये अशुद्ध शब्दों को शुद्ध लिखना।
7. वाक्य शुद्धि वर्तनी संबंधी अशुद्धियों को छोड़कर वाक्य संबंधी अन्य व्याकरणীয় अशुद्धियों का शुद्धीकरण।
8. वाक्यांश के लिये एक उपयुक्त शब्द।
9. पारिभाषिक शब्दावली-प्रशासन से सम्बन्धित अंग्रेजी शब्दों के समकक्ष हिन्दी शब्द।
10. मुहावरे एवं लोकोक्ति।
11. व्याकरण के लिए निर्धारित विषयों पर विषयवस्तु का बोध, भाषिक बिन्दुण/संरचना आदि पर बहुविकल्पिय प्रश्न

(C) National Health Mission & Introduction to Reproductive Maternal New Born Child & Adolescent Health (RMNCH+A)

1. Knowledge of National Health Mission, its various programs like Reproductive & Child health (RCH), Communicable and Non-Communicable Disease Control Programs and their activities.
2. Ayushman Bharat and related health programs.
3. Introduction to the RMNCH+A services-historical context, evolution, coverage and innovations.
4. Various components of service delivery under RMNCH-A including Gol programs.
5. Maternal, new-born and child health (MNCH) services in the country.
6. Adolescent health.
7. Role of gender in public health programs.

45 Marks

<p>8. Evolution of RCH services in the country-Millennium Development Goals (MDGs) and Sustainable Development Goals (SDG).</p> <p>9. Innovation in service delivery</p> <p>10. Framework for evaluation of services</p>	
<p>(D) KNOWLEDGE OF COMPUTERS</p> <ol style="list-style-type: none"> 1. Basic Applications of computer and its component. 2. Fundamentals of computer sciences. 3. Concept of open source technologies. 4. Input & Output Devices. 5. Operating system 6. Knowledge of MS Word, MS Excel, MS Access, MS PowerPoint, PDF Internet and E-mail. 7. Concept of computer virus and anti-virus. 8. Hardware & software, elements of computers processing system Hardware, CPU, peripherals, storage media, software definition, role and categories firmware and human-ware. 9. Role of information technology in governance & IT Acts & Regulations. 	45 Marks
<p>(E) TOPIC RELATED TO PROFESSIONAL QUALIFICATION:</p> <ol style="list-style-type: none"> 1. Basics of Human Body 2. Basics Concepts of Public Health <ol style="list-style-type: none"> a. Concepts of Community Health b. Health Care Planning and Organization of Health Care at various levels c. Environmental Health and Sanitation d. Introduction to Epidemiology, Epidemiological Approaches and Processes. e. Demography, Surveillance and Interpretation of Data. f. Biomedical Waste Management and Infection Control 3. Child Health <ol style="list-style-type: none"> a. Essential Care of Newborn at Birth b. Management of Common Neonatal and Child Health 	270 Marks

Problems

- c. Integrated Management of Neonatal and Childhood illness.
- d. Introduction to Rashtriva Bal Swasthya Karyakram
- e. Universal Immunization Programme (UIP)

4. Family Planning and Adolescent Health

- a. Gynecological Conditions, Sexually Transmitted Infections and management.
- b. Family Planning Methods, Contraception, Spacing Techniques and Counseling
- c. Medical Abortions, Self Abortions, and MTP Act
- d. Counseling in Reproductive and Sexual Health including problems of Adolescents.
- e. Management of Teenage Pregnancies

5. Maternal Health

- a. Introduction to RMNCH+A Programme
- b. Antenatal Care
- c. Intranatal Care, Postnatal Care
- d. Early Identification, Management and Referral of Complications during pregnancy and childbirth
- e. Postpartum Care

6. Communicable Diseases

- a. Epidemiology of Communicable Diseases
- b. Communicable Diseases- Vector Borne Diseases
- c. Communicable Diseases- Infectious Diseases
- d. Communicable Diseases- Zoonotic Diseases

7. Non- Communicable Diseases

- a. Non-communicable Diseases-Types
- b. Epidemiology of Non- communicable Diseases
- c. Occupational Diseases
- d. Mental Health and Substance Abuse Disorders
- e. Elderly Care

8. Nutrition

- a. Introduction to Nutrition and Nutritional Assessment
- b. Nutrition during Pregnancy and Lactation.
- c. Nutrition for Infants, Child, Adolescent and Elderly



- d. Nutritional Deficiency Disorders
- e. Food Borne Diseases and Food Safety

9. Skills Based

- a. Public Health Skills
- b. General Skills and Laboratory Skills
- c. Skills for Management of Common Conditions and Emergencies
- d. Maternal Health Skills
- e. Reproductive and Adolescent Health Skills
- f. Newborn and Child Health Skills

10. General Medicine and Medical emergencies

- a. Common Conditions- Gastro Intestinal System
- b. Common Conditions- Respiratory System
- c. Common Conditions- Heart, Urinary System and Blood Disorders
- d. Common Conditions- Eye, Ear, Nose and Throat
- e. First Aid in Common Emergency Conditions
- f. Disaster Management

11. General Pharmacology

- a. Essential Drugs

12. General Surgery, Trauma and Burns, ENT & Ophthalmology

- a. Common Surgical Conditions
- b. Congenital Malformations
- c. Screening of Common cancers

13. Miscellaneous

- a. Behavior Change Communication Skills and other Soft Skills
- b. Work Management and Administration
- c. Leadership, Supervision and Monitoring
- d. Health Management Information System
- e. Financial Management, Account and Computing
- f. Records and reports

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2. संविदा पब्लिक हेल्थ केयर नर्स / संविदा नर्सिंग प्रशिक्षक / संविदा नर्सिंग इन्चार्ज / संविदा नर्सिंग ट्यूटर:-

Contractual NURSING TRAINER, Contractual NURSING INCHARGE, Contractual PUBLIC HEALTH CARE NURSE, Contractual Nursing Tutor :-

Details	Total Marks:450
<p>(A) GENERAL KNOWLEDGE & GENERAL SCIENCE AND CURRENT AFFAIRS</p> <ol style="list-style-type: none"> 1. History of India. 2. Indian National Movement with important events in Rajasthan. 3. India & Rajasthan- Geography, Physical, Social & Economic. 4. India & Rajasthan- State & Governance, Constitution, Political System, Panchayati Raj System. 5. Biodiversity in environmental conditions, climate change. Human (Economic & Social Development) & social problem. 6. Current Events- India, Rajasthan & World. 7. General Science 10th standard. 	45 Marks
<p>(B) GENERAL ENGLISH & HINDI</p> <ol style="list-style-type: none"> 1. Tenses 2. Rearranging of jumbled sentences 3. Narration (Direct & Indirect) 4. Modals 5. Articles & Determines 6. Comprehension with blanks to be filled in with <ol style="list-style-type: none"> a. Phrases b. Pronouns 7. Homonyms/Homophones 8. Clauses 9. Synonyms and antonyms 10. Pairs of words and their use in meaningful sentences 11. Idioms and phrases 12. Uses of prepositions 13. Active and passive voice <p>सामान्य हिन्दी:-</p> <ol style="list-style-type: none"> 1. दिये गये शब्दों की संधि एवं शब्दों का संधिविच्छेद।- 2. उपसर्ग एवं प्रत्ययसंरचना तथा शब्दों से उपसर्ग एवं -इनके संयोग से शब्द-प्रत्यय को पृथक करना, इनकी पहचान। 3. समस्त (सामासिक) पद की रचना करना, समस्त (सामासिक) पद का विग्रह करना। 4. शब्द युग्मों का अर्थ भेद। 	45 Marks

<ol style="list-style-type: none"> 5. पर्यायवाची शब्द और विलोम शब्द । 6. शब्द शुद्धि द्व शब्दों को शुद्ध लिखना।दिये गये अशु - 7. वाक्य शुद्धि वर्तनी संबंधी अशुद्धियों को छोड़कर वाक्य संबंधी अन्य व्याकरणीय अशुद्धियों का शुद्धीकरण। 8. वाक्यांश के लिये एक उपयुक्त शब्द। 9. पारिभाषिक शब्दावलीप्रशासन से सम्बन्धित अंग्रेजी शब्दों के समकक्ष हिन्दी - शब्द। 10. मुहावरे एवं लोकोक्ति <p>(C) National Health Mission & Introduction to RMNCH+A</p> <ol style="list-style-type: none"> 1. Knowledge of National Health Mission, its various programs like RCH, Communicable and Non-Communicable Disease Control Programs and their activities. 2. Ayushman Bharat and related health programs. 3. Introduction to the RMNCH+A services-historical context, evolution, coverage and innovations. 4. Various components of service delivery under RMNCH-A including Gol programs. 5. Maternal, new-born and child health (MNCH) services in the country. 6. Adolescent health. 7. Role of gender in public health programs. 8. Evolution of RCH services in the country-Millennium Development Goals (MDGs) and Sustainable Development Goals (SDG). 9. Innovation in service delivery 10. Framework for evaluation of services 	45 Marks
<p>(D) KNOWLEDGE OF COMPUTERS</p> <ol style="list-style-type: none"> 1. Basic Applications of computer and its component. 2. Fundamentals of computer sciences. 3. Concept of open source technologies. 4. Input & Output Devices. 5. Operating system 6. Knowledge of MS Word, MS Excel, MS Access, MS PowerPoint, PDF Internet and E-mail. 7. Concept of computer virus and anti-virus. 8. Hardware & software, elements of computers processing system Hardware, CPU, peripherals, storage media, software 	45 Marks

2

<p>definition, role and categories firmware and human-ware.</p> <p>9. Role of information technology in governance & IT Acts & Regulations.</p>	
<p>(E) TOPIC RELATED TO PROFESSIONAL QUALIFICATION:</p> <p><i>For Nursing Trainer, Nursing Incharge and Public Healthcare Nurse Posts: Topics to be covered upto B.Sc. Nursing Level)</i></p> <ul style="list-style-type: none"> ● Introduction to the structure of the body, the cell, tissue, Body Cavities, composition of blood, formation of blood, Blood clotting factors and blood products and their use. ● Anatomy and physiology of circulatory, lymphatic, respiratory, digestive, excretory, endocrine, reproductive nervous, sense organs, skeleton and muscular systems. ● Introduction to the nursing concept, scope, nursing as profession, health determinants, assessment of health, nursing care of the patient and Basic needs of the patient. ● Infection control, administration of medications, procedure and techniques in first Aid & Emergencies. ● Concept of health and diseases, primary health care, epidemiology, referral system, minor ailments, health care delivery system, health planning, community health services, National Health problems, health programs and health agencies. ● Growth and development, disorders and health problems of a child with congenital disorders, care of newborn and immunization. ● Classification of food, balanced diet, therapeutic diet and vitamins, sources of carbohydrates and proteins. ● Pre and Post operative management, management of patient with disorders of respiration, gastro-intestinal disorders, metabolic and endocrinal disorders and new logical disorders. ● Review of structure and functions of female reproductive system, foetal development, management of normal pregnancy and normal labor, management of newborn and high risk pregnancy. ● Introduction to the Education and teaching learning Process, method of teaching. ● Introduction of the Nursing professional, Importance of continuing education in personal and professional development. ● Introduction to the administration and management of different health care unit (Hospitals, department unit, wards & Institute). 	<p>270 Marks</p>



3. संविदा नर्स / संविदा नर्स ग्रेड-2

(Contractual NURSE/ Contractual Nurse Grade-II):-


Details	Total Marks:450
<p>(A) GENERAL KNOWLEDGE & GENERAL SCIENCE AND CURRENT AFFAIRS</p> <ol style="list-style-type: none">1. History of India.2. Indian National Movement with important events in Rajasthan.3. India & Rajasthan- Geography, Physical, Social & Economic.4. India & Rajasthan- State & Governance, Constitution, Political System, Panchayati Raj System.5. Biodiversity in environmental conditions, climate change. Human (Economic & Social Development) & social problem.6. Current Events- India, Rajasthan & World.7. General Science 10th standard.	45 Marks
<p>(B) GENERAL ENGLISH & HINDI</p> <ol style="list-style-type: none">1. Tenses2. Rearranging of jumbled sentences3. Narration (Direct & Indirect)4. Modals5. Articles & Determines6. Comprehension with blanks to be filled in with<ol style="list-style-type: none">a. Phrasesb. Pronouns7. Homonyms/Homophones8. Clauses9. Synonyms and antonyms10. Pairs of words and their use in meaningful sentences11. Idioms and phrases12. Uses of prepositions13. Active and passive voice <p>सामान्य हिन्दी:-</p> <ol style="list-style-type: none">1. दिये गये शब्दों की संधि एवं शब्दों का संधिविच्छेद।-2. उपसर्ग एवं प्रत्ययसंरचना तथा शब्दों से उपसर्ग एवं -इनके संयोग से शब्द-प्रत्यय को पृथक करना, इनकी पहचान।3. समस्त (सामासिक) पद की रचना करना, समस्त (सामासिक) पद का विग्रह करना।4. शब्द युग्मों का अर्थ भेद।	45 Marks

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<ol style="list-style-type: none"> 5. पर्यायवाची शब्द और विलोम शब्द । 6. शब्द शुद्धि दिये गये अशुद्ध शब्दों को शुद्ध लिखना। - 7. वाक्य शुद्धि वर्तनी संबंधी अशुद्धियों को छोड़कर वाक्य संबंधी अन्य व्याकरणीय अशुद्धियों का शुद्धीकरण। 8. वाक्यांश के लिये एक उपयुक्त शब्द। 9. पारिभाषिक शब्दावलीन्धित अंग्रेजी शब्दों के समकक्ष हिन्दी प्रशासन से सम्ब- शब्द। 10. मुहावरे एवं लोकोक्ति <p>(C) National Health Mission & Introduction to RMNCH+A</p> <ol style="list-style-type: none"> 1. Knowledge of National Health Mission, its various programs like RCH, Communicable and Non-Communicable Disease Control Programs and their activities. 2. Ayushman Bharat and related health programs. 3. Introduction to the RMNCH+A services-historical context, evolution, coverage and innovations. 4. Various components of service delivery under RMNCH-A including Gol programs. 5. Maternal, new-born and child health (MNCH) services in the country. 6. Adolescent health. 7. Role of gender in public health programs. 8. Evolution of RCH services in the country-Millennium Development Goals (MDGs) and Sustainable Development Goals (SDG). 9. Innovation in service delivery 10. Framework for evaluation of services 	45 Marks
<p>(D) KNOWLEDGE OF COMPUTERS</p> <ol style="list-style-type: none"> 1. Basic Applications of computer and its component. 2. Fundamentals of computer sciences. 3. Concept of open source technologies. 4. Input & Output Devices. 5. Operating system 6. Knowledge of MS Word, MS Excel, MS Access, MS PowerPoint, PDF Internet and E-mail. 7. Concept of computer virus and anti-virus. 8. Hardware & software, elements of computers processing system Hardware, CPU, peripherals, storage media, software 	45 Marks



<p>definition, role and categories firmware and human-ware.</p> <p>9. Role of information technology in governance & IT Acts & Regulations.</p>	
<p>(E) TOPIC RELATED TO PROFESSIONAL QUALIFICATION:</p> <p><i>(For Nurse: Topics to be covered upto GNM Course Level.</i></p> <ul style="list-style-type: none"> ● Introduction to the structure of the body, the cell, tissue, Body Cavities, composition of blood, formation of blood, Blood clotting factors and blood products and their use. ● Anatomy and physiology of circulatory, lymphatic, respiratory, digestive, excretory, endocrine, reproductive nervous, sense organs, skeleton and muscular systems. ● Introduction to the nursing concept, scope, nursing as profession, health determinants, assessment of health, nursing care of the patient and Basic needs of the patient. ● Infection control, administration of medications, procedure and techniques in first Aid & Emergencies. ● Concept of health and diseases, primary health care, epidemiology, referral system, minor ailments, health care delivery system, health planning, community health services, National Health problems, health programs and health agencies. ● Growth and development, disorders and health problems of a child with congenital disorders, care of newborn and immunization. ● Classification of food, balanced diet, therapeutic diet and vitamins, sources of carbohydrates and proteins. ● Pre and Post operative management, management of patient with disorders of respiration, gastro-intestinal disorders, metabolic and endocrinal disorders and new logical disorders. ● Review of structure and functions of female reproductive system, foetal development, management of normal pregnancy and normal labor, management of newborn and high risk pregnancy. ● Introduction to the Education and teaching learning Process, method of teaching. ● Introduction of the Nursing professional, Importance of continuing education in personal and professional development. ● Introduction to the administration and management of different health care unit (Hospitals, department unit, wards & Institute). 	<p>270 Marks</p>



4. सॉविदा सार्किट्रिक केयर नर्स (Contractual Psychiatric Care Nurse):-

Details	Total Marks:450
<p>(A) GENERAL KNOWLEDGE & GENERAL SCIENCE AND CURRENT AFFAIRS</p> <ol style="list-style-type: none"> 1. History of India. 2. Indian National Movement with important events in Rajasthan. 3. India & Rajasthan- Geography, Physical, Social & Economic. 4. India & Rajasthan- State & Governance, Constitution, Political System, Panchayati Raj System. 5. Biodiversity in environmental conditions, climate change. Human (Economic & Social Development) & social problem. 6. Current Events- India, Rajasthan & World. 7. General Science 10th standard. 	45 Marks
<p>(B) GENERAL ENGLISH & HINDI</p> <ol style="list-style-type: none"> 1. Tenses 2. Rearranging of jumbled sentences 3. Narration (Direct & Indirect) 4. Modals 5. Articles & Determines 6. Comprehension with blanks to be filled in with <ol style="list-style-type: none"> a. Phrases b. Pronouns 7. Homonyms/Homophones 8. Clauses 9. Synonyms and antonyms 10. Pairs of words and their use in meaningful sentences 11. Idioms and phrases 12. Uses of prepositions 13. Active and passive voice <p>सामान्य हिन्दी:-</p> <ol style="list-style-type: none"> 1. दिये गये शब्दों की संधि एवं शब्दों का संधिविच्छेद।- 2. उपसर्ग एवं प्रत्ययसंरचना तथा शब्दों से उपसर्ग एवं -इनके संयोग से शब्द-प्रत्यय कोपृथक करना, इनकी पहचान। 3. समस्त (सामासिक) पद की रचना करना, समस्त (सामासिक) पद का विग्रह करना। 4. शब्द युग्मों का अर्थ भेद। 5. पर्यायवाची शब्द और विलोम शब्द । 6. शब्द शुद्धि दिये गये अशुद्ध शब्दों को शुद्ध लिखना। - 	45 Marks

<ol style="list-style-type: none"> 7. वाक्य शुद्धि वर्तनी संबंधी अशुद्धियों को छोड़कर वाक्य संबंधी अन्य व्याकरणिय अशुद्धियों का शुद्धीकरण। 8. वाक्यांश के लिये एक उपयुक्त शब्द। 9. पारिभाषिक शब्दावली प्रशासन से सम्बन्धित अंग्रेजी शब्दों के समकक्ष हिन्दी-शब्द। 10. मुहावरे एवं लोकोक्ति 	
<p>(C) National Health Mission & Introduction to RMNCH+A</p> <ol style="list-style-type: none"> 1. Knowledge of National Health Mission, its various programs like RCH, Communicable and Non-Communicable Disease Control Programs and their activities. 2. Ayushman Bharat and related health programs. 3. Introduction to the RMNCH+A services-historical context, evolution, coverage and innovations. 4. Various components of service delivery under RMNCH-A including Gol programs. 5. Maternal, new-born and child health (MNCH) services in the country. 6. Adolescent health. 7. Role of gender in public health programs. 8. Evolution of RCH services in the country-Millennium Development Goals (MDGs) and Sustainable Development Goals (SDG). 9. Innovation in service delivery 10. Framework for evaluation of services 	45 Marks
<p>(D) KNOWLEDGE OF COMPUTERS</p> <ol style="list-style-type: none"> 1. Basic Applications of computer and its component. 2. Fundamentals of computer sciences. 3. Concept of open source technologies. 4. Input & Output Devices. 5. Operating system 6. Knowledge of MS Word, MS Excel, MS Access, MS PowerPoint, PDF Internet and E-mail. 7. Concept of computer virus and anti-virus. 8. Hardware & software, elements of computers processing system Hardware, CPU, peripherals, storage media, software definition, role and categories firmware and human-ware. 9. Role of information technology in governance & IT Acts & Regulations. 	45 Marks



(E) TOPICS RELATED TO PROFESSIONAL QUALIFICATION :

270 Marks

(To be covered upto Diploma Level)

- Introduction to the structure of the body, the cell, tissue, Body Cavities, composition of blood, formation of blood, Blood clotting factors and blood products and their use.
- Anatomy and physiology of circulatory, lymphatic, respiratory, digestive, excretory, endocrine, reproductive nervous, sense organs, skeleton and muscular systems.
- Introduction to the nursing concept, scope, nursing as profession, health determinants, assessment of health, nursing care of the patient and Basic needs of the patient.
- Infection control, administration of medications, procedure and techniques in first Aid & Emergencies.
- Concept of health and diseases, primary health care, epidemiology, referral system, minor ailments, health care delivery system, health planning, community health services, National Health problems, health programs and health agencies.
- Growth and development, disorders and health problems of a child with congenital disorders, care of newborn and immunization.
- Classification of food, balanced diet, therapeutic diet and vitamins, sources of carbohydrates and proteins.
- Pre and Post operative management, management of patient with disorders of respiration, gastro-intestinal disorders, metabolic and endocrinal disorders and new logical disorders.
- Concept of mental health and mental illness, mental health assessment, mental disorders and nursing management.
- Review of structure and functions of female reproductive system, foetal development, management of normal pregnancy and normal labor, management of newborn and high risk pregnancy.
- Introduction to the Education and teaching learning Process, method of teaching.
- Introduction of the Nursing professional, Importance of continuing education in personal and professional development.
- Introduction to the administration and management of different health care unit (Hospitals, department unit, wards & Institute).



5. संविदा खण्ड कार्यक्रम अधिकारी (Contractual Block Programme Officer):-

BLOCK PROGRAMME OFFICER	
Details	Total Marks:450
<p>(A) GENERAL KNOWLEDGE & GENERAL SCIENCE AND CURRENT AFFAIRS</p> <ol style="list-style-type: none"> 1. History of India. 2. Indian National Movement with important events in Rajasthan. 3. India & Rajasthan- Geography, Physical, Social & Economic. 4. India & Rajasthan- State & Governance, Constitution, Political System, Panchayati Raj System. 5. Biodiversity in environmental conditions, climate change. Human (Economic & Social Development) & social problem. 6. Current Events- India, Rajasthan & World. 7. General Science 10th standard 	45 Marks
<p>(B) GENERAL ENGLISH & HINDI</p> <ol style="list-style-type: none"> 1. Tenses 2. Rearranging of jumbled sentences 3. Narration (Direct & Indirect) 4. Modals 5. Articles & Determines 6. Comprehension with blanks to be filled in with <ol style="list-style-type: none"> a. Phrases b. Pronouns 7. Homonyms/Homophones 8. Clauses 9. Synonyms and antonyms 10. Pairs of words and their use in meaningful sentences 11. Idioms and phrases 12. Uses of prepositions 13. Active and passive voice <p>सामान्य हिन्दी:-</p> <ol style="list-style-type: none"> 1. दिये गये शब्दों की संधि एवं शब्दों का संधिविच्छेद।- 2. उपसर्ग एवं प्रत्ययसंरचना तथा शब्दों -इनके संयोग से शब्द-से उपसर्ग एवं प्रत्यय को पृथक करना, इनकी पहचान। 3. समस्त (सामासिक) पद की रचना करना, समस्त (सामासिक) 	45 Marks

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<p>पद का विग्रह करना।</p> <ol style="list-style-type: none"> 4. शब्द युग्मों का अर्थ भेद। 5. पर्यायवाची शब्द और विलोम शब्द । 6. शब्द शुद्धि दिये गये अशुद्ध शब्दों को शुद्ध लिखना। - 7. वाक्य शुद्धि वर्तनी संबंधी अशुद्धियों को छोड़कर वाक्य संबंधी अन्य व्याकरणीय अशुद्धियों का शुद्धीकरण। 8. वाक्यांश के लिये एक उपयुक्त शब्द। 9. पारिभाषिक शब्दावलीप्रशासन से सम्बन्धित अंग्रेजी शब्दों के - समकक्ष हिन्दी शब्द। 10. मुहावरे एवं लोकोक्ति 	
<p>(C) National Health Mission & Introduction to RMNCH+A</p> <ol style="list-style-type: none"> 1. Knowledge of National Health Mission, its various programs like RCH, Communicable and Non-Communicable Disease Control Programs and their activities. 2. Ayushman Bharat and related health programs. 3. Introduction to the RMNCH+A services-historical context, evolution, coverage and innovations. 4. Various components of service delivery under RMNCH-A including Gol programs. 5. Maternal, new-born and child health (MNCH) services in the country. 6. Adolescent health. 7. Role of gender in public health programs. 8. Evolution of RCH services in the country-Millennium Development Goals (MDGs) and Sustainable Development Goals (SDG). 9. Innovation in service delivery 10. Framework for evaluation of services 	45 Marks
<p>(d) KNOWLEDGE OF COMPUTERS</p> <ol style="list-style-type: none"> 1. Basic Applications of computer and its component. 2. Fundamentals of computer sciences. 3. Concept of open source technologies. 4. Input & Output Devices. 5. Operating system 	45 Marks

<ol style="list-style-type: none"> 6. Knowledge of MS Word, MS Excel, MS Access, MS PowerPoint, PDF Internet and E-mail. 7. Concept of computer virus and anti-virus. 8. Hardware & software, elements of computers processing system Hardware, CPU, peripherals, storage media, software definition, role and categories firmware and human-ware. 9. Role of information technology in governance & IT Acts & Regulations. 	
<p>(e) TOPIC RELATED TO PROFESSIONAL QUALIFICATION:</p> <p>PRINCIPLES OF MANAGEMENT:-</p> <ol style="list-style-type: none"> 1. Fundamentals of Management 2. Managerial Economics 3. Quantitative Techniques 4. Financial Management 5. Organizational Behavior 6. Business Statistics and Analytics for Decision Making 7. Operations and Supply Chain Management 8. Human Resource Management 9. Legal and Business Environment 10. Marketing Management 11. New Enterprise and Innovation Management 12. Information Systems <p>ORIGIN AND DEVELOPMENT OF SOCIALWORK:-</p> <ol style="list-style-type: none"> 1. History of Social Work: Global Scenario 2. Social Work Profession and Education 3. Social Work Concepts and Primary Methods 4. Secondary Methods of Social Work <p>PROFESSIONAL SOCIALWORK: INDIAN PERSPECTIVES</p> <ol style="list-style-type: none"> 1. Evolution Of Social Work Practice In India 	<p>270 Marks</p>



2. Religion and Social Work: Indian Context
3. Gandhian Concepts of Social Work
4. Professional Social Work In Independent India

BASIC SOCIAL SCIENCE CONCEPTS:-

1. Basic Concepts of Society
2. Basics of Psychology For Social Workers
3. Family- The Basic Unit Of Society
4. Indian Families in Transition

SOCIALWORK AND SOCIAL DEVELOPMENT:-

1. Social Dynamics and Change
2. Concepts of Development
3. Development: Human Rights Perspective
4. Social Legislations

SOCIALWORK PRACTICUM AND SUPERVISION

1. Social Work Practicum: An Overview
2. Roles and Expectations in Social Work Practicum
3. Social Work Practicum in Various Settings

SOCIALWORK RESEARCH

1. Basics of Research in Social Work
2. Research Methods in Social Work
3. Tools and Methods of Data Collection
4. Data Processing and Analysis

Human Behaviour and Social Environment

Group Work Dynamics

Leadership and Skill Development in Social Group Work

Community Organization management For community development

Women and child development

Disaster management



6. सविदा डाटा ऐन्ट्री ऑपरेटर (Contractual DATA ENTRY OPERATOR) :-

Details	Total Marks 500
PART-1	450 marks
(A) GENERAL KNOWLEDGE, CURRENT AFFAIRS REASONING SKILLS & MATHEMATICS <ol style="list-style-type: none">1. Current events of national and international importance2. Political & physical divisions of India & Rajasthan3. Indian culture, heritage and freedom struggle/ Movement.4. Transport & Communication.5. Demography-census, its feature and functions.6. Important rivers & lakes in India & Rajasthan.7. Weather, climate, crops, means of transport of India8. Environment, ecology & Bio-diversity of Rajasthan.9. Major development in the field of IT and Communication.10. Reasoning skills & mathematics up to 10th standard.	111 Marks
(B) GENERAL ENGLISH & HINDI <ol style="list-style-type: none">1. Tenses2. Rearranging of jumbled sentences3. Narration (Direct & Indirect)4. Modals5. Articles & Determines6. Comprehension with blanks to be filled in with<ol style="list-style-type: none">a. Phrasesb. Pronouns7. Homonyms/Homophones8. Clauses9. Synonyms and antonyms10. Pairs of words and their use in meaningful sentences11. Idioms and phrases12. Uses of prepositions13. Active and passive voice सामान्य हिन्दी:- <ol style="list-style-type: none">1. दिये गये शब्दों की संधि एवं शब्दों का संधि -विच्छेद।2. उपसर्ग एवं प्रत्ययसंरचना तथा शब्दों से -इनके संयोग से शब्द-उपसर्ग एवं प्रत्यय को पृथक करना, इनकी पहचान।	108 Marks

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<ol style="list-style-type: none"> 3. समस्त (सामासिक) पद की रचना करना, समस्त (सामासिक) पद का विग्रह करना। 4. शब्द युग्मों का अर्थ भेद। 5. पर्यायवाची शब्द और विलोम शब्द । 6. शब्द शुद्धि दिये गये अशुद्ध शब्दों को शुद्ध लिखना। - 7. वाक्य शुद्धि वर्तनी संबंधी अशुद्धियों को छोड़कर वाक्य संबंधी अन्य व्याकरणिय अशुद्धियों का शुद्धीकरण। 8. वाक्यांश के लिये एक उपयुक्त शब्द। 9. पारिभाषिक शब्दावलीप्रशासन से सम्बन्धित अंग्रेजी शब्दों के - समकक्ष हिन्दी शब्द। 10. मुहावरे एवं लोकोक्ति 	
<p>(C) TOPICS RELATED TO PROFESSIONAL QUALIFICATION:</p> <p><i>(For Data Entry Operator: Topics to be covered upto PGDCA level &)</i></p> <ol style="list-style-type: none"> 1. Introduction to Computers and Safe Working Practices: Overview of Safe working Practices and Safety rules. Assemble of Desktop PC, Installing basic application software and Windows OS, booting process, Hardware and Software troubleshooting. Computer aptitude, history of computer & inventions, input & output devices, computer components, computer storage devices, computer languages, computer file extension, Microsoft windows etc. 2. Computer Components and Operating Systems: <ol style="list-style-type: none"> a. Components of a computer and their functions. b. Introduction to Windows OS and its main features. 3. DOS and Linux Operating System <ol style="list-style-type: none"> a. Command line interface (DOS and LINUX). b. Basic DOS commands and Linux features. c. Understanding DOS, Linux commands and file systems. 4. Word Processing Software <ol style="list-style-type: none"> a. Applications in MS Office. b. Creating, saving, formatting, and printing documents using Word Processing Software. 	<p>231 Marks</p>



- c. Working with objects, macros, mail merge, templates, and other tools in Word.
- 5. Data visualization or analysis using MS-Excel
 - a. Introduction to Excel features and data types.
 - b. MS Excel functions, cell referencing, and linking sheets
 - c. MS Excel revision, lookup functions, and cell naming
 - d. Custom formatting, protection, Macros, Charts, pivot tables, power queries and power BI
- 6. MS-Power Point Presentation
 - a. Create, modify, save, share and configure presentation.
 - b. Format presentation; manage tables and bulleted text, hyperlinks, Manage graphic elements.
 - c. Manage Audio & Video elements
 - d. Manage transitions, animations, slide show and manage collaboration
- 7. Data Base Management System
 - a. Database concepts, DBMS, RDBMS, primary key, foreign key and normalization rules
 - b. SQL Queries and Functions.
 - c. Using the DDL, DML and DCL statements
 - d. Transaction, ACID properties, and constraints.
 - e. Joining tables, sub queries, and various SQL functions.
- 8. Communicating in a Connected World
 - a. Understanding local networks and network devices.
 - b. Explaining the concept of network communication
 - c. Introduction to internet, web browsers, and search engines
- 9. Computer Network and Web Design
 - a. Computer Network Setup and configure a Computer Network and Web Page Design Concepts
 - b. Use the internet, setup internet access and communication.
 - c. Static and dynamic web pages Creating web pages using HTML, CSS and open source CMS



<p>d. Introduction to JavaScript for web development, JavaScript and embed JavaScript in HTML pages.</p> <p>e. Create a dynamics website using an open source tool</p> <p>10. E-Commerce, Cyber Security, and Cloud Computing</p> <p>a. Browse e-Commerce sites to identify products and services, introduction operations, payment gateways and security issues.</p> <p>b. Cyber security overview, protect information, computer and network from Viruses, spywares and other malicious code, and compliance with IT Act</p> <p>c. Cloud computing benefits, working with cloud services, web hosting cloud application development life cycle.</p> <p>11. Programming in Python and Java (Command Line)</p> <p>a. Data Types, operators, control flow with decisions and loops, document and structure code.</p> <p>b. Perform operations using modules and tools.</p> <p>c. Object Oriented Programming with Java language flow control.</p> <p>d. Classes Overloading and inheritance Abstract Classes and interfaces in Java.</p> <p>e. Troubleshooting Java Issues.</p>	
<p>PART-2 - Typing Test:</p> <ul style="list-style-type: none"> • Typing speed of 35 Words Per Minutes in English and Hindi is essential. • Candidate, who will obtain minimum 40% marks in part-1 written examination, will only be qualifying for typing test. SC/ST Will be relaxation 5% . 	<p>50 Marks</p>



7. सविदा लेखा सहायक (Contractual Accounts Assistant):-

Details	Total Marks 450
<p>(A) GENERAL KNOWLEDGE & GENERAL SCIENCE AND CURRENT AFFAIRS</p> <ol style="list-style-type: none">1. History of India.2. Indian National Movement with important events in Rajasthan.3. India & Rajasthan- Geography, Physical, Social & Economic.4. India & Rajasthan- State & Governance, Constitution, Political System, Panchayati Raj System.5. Biodiversity in environmental conditions, climate change. Human (Economic & Social Development) & social problem.6. Current Events- India, Rajasthan & World.7. General Science 10th standard	45 Marks
<p>(B) GENERAL ENGLISH & HINDI</p> <ol style="list-style-type: none">1. Tenses2. Rearranging of jumbled sentences3. Narration (Direct & Indirect)4. Modals5. Articles & Determines6. Comprehension with blanks to be filled in with<ol style="list-style-type: none">a. Phrasesb. Pronouns7. Homonyms/Homophones8. Clauses9. Synonyms and antonyms10. Pairs of words and their use in meaningful sentences11. Idioms and phrases12. Uses of prepositions13. Active and passive voice <p>सामान्य हिन्दी:-</p> <ol style="list-style-type: none">1. दिये गये शब्दों की संधि एवं शब्दों का संधिविच्छेद।-2. उपसर्ग एवं प्रत्ययसंरचना तथा शब्दों से उपसर्ग एवं प्रत्यय को -इनके संयोग से शब्द-पृथक करना, इनकी पहचान।3. समस्त (सामासिक) पद की रचना करना, समस्त (सामासिक) पद का विग्रह करना।4. शब्द युग्मों का अर्थ भेद।5. पर्यायवाची शब्द और विलोम शब्द ।6. शब्द शुद्धि दिये गये अशुद्ध शब्दों को शुद्ध लिखना। -7. वाक्य शुद्धि वर्तनी संबंधी अशुद्धियों को छोड़कर वाक्य संबंधी अन्य व्याकरणिय	45 Marks

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<p>अशुद्धियों का शुद्धीकरण।</p> <p>8. वाक्यांश के लिये एक उपयुक्त शब्द।</p> <p>9. पारिभाषिक शब्दावलीप्रशासन से सम्बन्धित अंग्रेजी शब्दों के समकक्ष हिन्दी शब्द।-</p> <p>10. मुहावरे एवं लोकोक्ति</p>	
<p>(C) KNOWLEDGE OF COMPUTERS</p> <ol style="list-style-type: none"> 1. Basic Applications of computer and its component. 2. Fundamentals of computer sciences. 3. Concept of open source technologies. 4. Input & Output 5. Operating system 6. Knowledge of MS Word, MS Excel, MS Access, MS PowerPoint, PDF Internet and E-mail. 7. Concept of computer virus and anti-virus 8. Hardware & software, elements of computers processing system Hardware, CPU, peripherals, storage media, software definition, role and categories firmware and human-ware. 9. Role of information technology in governance. 10. Good knowledge of Govt. Applications i.e. Rajkaj, PFMS, IFMS etc 	45 Marks
<p>(D) NATIONAL HEALTH MISSION</p> <ol style="list-style-type: none"> 1. Knowledge of National Health Mission, its various programs like RCH, Communicable and Non-Communicable Disease Control Programs and their activities. 2. Ayushman Bharat and related health programs. 	45 Marks
<p>(E) TOPICS RELATED TO PROFESSIONAL QUALIFICATION:</p> <p><i>(For Accounts Assistant: Topics to be covered upto Graduation Level)</i></p> <p>I - BOOK-KEEPING AND ACCOUNTANCY</p> <ol style="list-style-type: none"> 1. Accounting – meaning, nature, functions and usefulness, types of accounting, accounting equation, generally accepted accounting principles, concepts and conventions. 2. Accounting process: journals and ledger leading to preparation of trial 	270 Marks



- balance and preparation of final accounts with adjustments.
3. Preparation of bank reconciliation statement.
 4. Rectification of errors.
 5. Accounting for depreciation – need, significance and methods of providing depreciation.
 6. Receipts and payments account and income and expenditure account and balance sheet.
 7. Single entry system – Preparation of accounts from incomplete records.
 8. Partnership accounts :
 - (i) Fundamentals – capital-fixed and fluctuating, adjustments for change in profit sharing ratios, revaluation of assets and treatment of goodwill.
 - (ii) Reconstitution of the firm – Admission, Retirement and Death of a partner including treatment of life policy.
 9. Insurance claims.

II - BUSINESS METHODS

1. Business: - Introduction, scope and objectives; Business Ethics and social responsibilities of business.
2. Forms of Business Organisations :- Sole proprietorship, partnership and company.
3. Entrepreneurship :- Concept, importance and causes of low development of entrepreneurship in India
4. Negotiable Instruments: - Meaning and types (Promissory Note, Bills of Exchange and Cheques).
5. Sources of Business Finance.
6. Advertising: - Meaning, importance and methods.
7. Consumer rights and protection against exploitation.
8. Human resource planning, recruitment, selection and training.
9. Communication - process, barriers and suggestions to overcome barriers.
10. Discipline – Causes and suggestions for effective discipline.
11. Coordination – Importance and principles

III - AUDITING

1. Auditing: meaning, objectives, types of audit, planning and procedures, audit programme, working papers, test checking, routine checking.
2. Vouching: concepts, importance and procedures.
3. Internal Control: meaning, objectives, internal check and internal audit.
4. Valuation and verification of assets and liabilities.
5. Rights, Duties and Liabilities of Company Auditor.
6. Audit of Government Companies.

7. Audit Reports and Audit Certificates.

IV - INDIAN ECONOMICS

1. Indian Economy – Features and problems, Economic policy, Industrial policy and Fiscal policy of India.
2. Meaning, objectives and importance of economic planning in India. Basic features of Eleventh Five Year Plan.
3. Population Explosion–Causes, effects and remedies. Relation between population and economic growth.
4. Role and significance of agriculture in Indian economy. Sources of agriculture finance and recent trends in agriculture marketing.
5. Industrial growth and prospects in India.
6. Inflation – Causes, effects and remedies.
7. Role and problems of Public sector in India.
8. Impact of globalization and liberalization on agriculture and industry.
9. Role of Multi-national corporations in Indian economy.
10. Foreign Trade – Volume, composition and direction.
11. National Income – Concept, computation methods and distribution.
12. Economy of Rajasthan – Basic features, development and prospects of agriculture, industry and tourism.

V. Business Valuation :

- Meaning of Value, Valuation, and Business Valuation
- Valuation Methods - Non Discounted cash flow method
- Discounted Cash Flow Method- Net Present Value Method (NPV)- Profitability Index Method(PI) - Internal Rate of Return Method(IRR)
- Valuation of Inventory
- Valuation of Investments
- Valuation of Intangibles
- Valuation of Human Resources

VII. Commercial, Industrial, and Company Law :

- o Indian Contract Act
- o Sale of Goods act
- o Negotiable Instrument act
- o Indian Partnership Act
- o Limited Liability Partnership Act
- o Factories act, Payment of Gratuity Act
- o Employees Provident Fund Act 1952
- o Employees State Insurance Act 1948
- o Payment of Bonus Act 1965, Minimum Wages Act 1948



- o Companies act 2013-Promotion - Formation and related procedures – Types - Winding up.

VIII. **Cost accounting:** Procedures involved in cost accounting, marginal costing, cost-volume profit analysis, budgetary control, Standard costing.

IX. Taxation:

- Direct Taxation - Residential Status- Heads of Income and Computation of Total Income under various heads, assessment of income of different persons - TDS/TCS/Advance Tax- Income Computation and Disclosure standards (Basic Concepts only) - Taxation as applicable to Government undertaking and Cooperative Societies
- Indirect Taxation - Canons of Taxation - Customs Law- Goods and Services Tax (GST) - CGST-SGST-IGST- Cess- Registration - Supply- Time of Supply- Value of Supply- Place of Supply-Input tax credit- Reverse Charge Mechanism (RCM) - Payment of Taxes

X. Introduction to financial management and budgeting

1. Introduction to financial management
2. Tools of financial analysis and planning in health care
3. Cash flow, accounts and balancing budgets Cost and dividends for health outcomes
4. Effectiveness efficiency
Sustainability of health programs

XI. Detail knowledge of General Finance & Accounts Rules, Rajasthan Service Rules, Rajasthan Transparency in Public Procurement & Rules, Right To Information Act.

8. संविदा फार्मा सहायक:-

(Contractual PHARMA ASSISTANT)

Details	Total Marks:450
<p>(A) GENERAL KNOWLEDGE & GENERAL SCIENCE AND CURRENT AFFAIRS</p> <ol style="list-style-type: none"> 1. History of India. 2. Indian National Movement with important events in Rajasthan. 3. India & Rajasthan- Geography, Physical, Social & Economic. 4. India & Rajasthan- State & Governance, Constitution, Political System, Panchayati Raj System. 5. Biodiversity in environmental conditions, climate change. Human (Economic & Social Development) & social problem. 	45 Marks

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6. Current Events- India, Rajasthan & World. 7. General Science 10 th standard	
<p>(B) GENERAL ENGLISH & HINDI</p> <ol style="list-style-type: none"> 1. Tenses 2. Rearranging of jumbled sentences 3. Narration (Direct & Indirect) 4. Modals 5. Articles & Determines 6. Comprehension with blanks to be filled in with <ol style="list-style-type: none"> a. Phrases b. Pronouns 7. Homonyms/Homophones 8. Clauses 9. Synonyms and antonyms 10. Pairs of words and their use in meaningful sentences 11. Idioms and phrases 12. Uses of prepositions 13. Active and passive voice <p>सामान्य हिन्दी:-</p> <ol style="list-style-type: none"> 1. दिये गये शब्दों की संधि एवं शब्दों का संधिविच्छेद।- 2. उपसर्ग एवं प्रत्ययसंरचना तथा शब्दों से उपसर्ग -इनके संयोग से शब्द- एवंप्रत्यय को पृथक करना, इनकी पहचान। 3. समस्त (सामासिक) पद की रचना करना, समस्त (सामासिक) पद का विग्रह करना। 4. शब्द युग्मों का अर्थ भेद। 5. पर्यायवाची शब्द और विलोम शब्द । 6. शब्द शुद्धि दिये गये अशुद्ध शब्दों को शुद्ध लिखना। - 7. वाक्य शुद्धि वर्तनी संबंधी अशुद्धियों को छोड़कर वाक्य संबंधी अन्य व्याकरणीय अशुद्धियों का शुद्धीकरण। 8. वाक्यांश के लिये एक उपयुक्त शब्द। 9. पारिभाषिक शब्दावली प्रशासन से सम्बन्धित अंग्रेजी शब्दों के समकक्ष हिन्दी शब्द। 10. मुहावरे एवं लोकोक्ति। 	45 Marks



<p>(C) KNOWLEDGE OF COMPUTERS</p> <ol style="list-style-type: none"> 1. Basic Applications of computer and its component. 2. Fundamentals of computer sciences. 3. Concept of open source technologies. 4. Input & Output Devices. 5. Operating system 6. Knowledge of MS Word, MS Excel, MS Access, MS PowerPoint, PDF Internet and E-mail. 7. Concept of computer virus and anti-virus. 8. Hardware & software, elements of computers processing system Hardware, CPU, peripherals, storage media, software definition, role and categories firmware and human-ware. 9. Role of information technology in governance & IT Acts & Regulations. 	45 Marks
<p>(D) National Health Programs:</p> <ol style="list-style-type: none"> 1. Knowledge of National Health Mission, its various programs like RCH, Communicable and Non-Communicable Disease Control Programs and their activities. 2. Ayushman Bharat and related health programs. 	45 Marks
<p>(E) Topic Related to Professional Qualification:</p> <p>Pharmaceutics:-</p> <p>Introduction of different dosage forms, Metrology, Packaging of pharmaceuticals, Size separation, Mixing and Homogenization, Clarification and Filtration, Extraction and Galenicals, Distillation, Introduction to drying process, Sterilization, Aseptic techniques, Processing of Tablets, Processing of Capsules, Study of immunological products.</p> <p>Prescriptions, Incompatibilities in prescriptions, Posology, Dispensed Medications, Powders, Liquid oral Dosage forms: Monophasic, Biphasic Liquid Dosage Forms: Suspensions, Emulsions, Semi-Solid Dosage Forms: Ointments, Pastes, Jellies, Suppositories and pessaries, Dental and cosmetic preparations, Sterile Dosage forms: Parenteral dosage forms, Sterility testing, Ophthalmic products.</p> <p>Pharmaceutical Chemistry:-</p> <p>Acids, bases and buffers, Antioxidants, Gastrointestinal agents, Topical Agents, Antimicrobials and Astringents, Dental Products, Respiratory</p>	270 Marks

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stimulants, Expectorants and Emetics, Antidotes, Major Intra and Extra cellular electrolytes, Inorganic official compounds, Radiopharmaceuticals and contrast media, Quality control of Drugs and pharmaceuticals, Identification tests for cations and anions.

Introduction to the nomenclature of organic chemical systems, The chemistry of pharmaceutical organic compounds (Antiseptics and Disinfectants, Sulphonamides, Antileprotic Drugs, Anti tubercular Drugs, Antiamoebic and Anthelmintic Drugs, Antibiotic, Antifungal agent, Antimalarial Drugs, Tranquilizers, Hypnotics, General, Anaesthetics, Antidepressant Drugs, Adrenergic drugs, Adrenergic antagonist, Cholinergic Antagonists, Diuretic Drugs, Cardiovascular Drugs, Hypoglycemic Agents, Coagulants and Anticoagulants, Local And esthetics, Analgesics and Antipyretic, Non-steroidal anti-inflammatory agents, Diagnostic Agents, Anticonvulsants, cardiac glycosides, Antiarrhythmic, Antihypertensive & Vitamins, Steroidal Drugs, Antineoplastic Drugs.

Pharmacognosy:-

Definition, history and scope of Pharmacognosy, Various system of classification of drugs and natural origin, Adulteration and drug evaluation, Brief outline of alkaloids, terpenoids, glycosides, volatile oils, tannins and resins, Occurrence, distribution, organoleptic evaluation, chemical constituents including test wherever applicable and therapeutic efficacy of various drugs, Pharmaceutical aids, Miscellaneous drugs.

Clinical Pathology and Biochemistry:-

Introduction to biochemistry, Carbohydrates, Lipids, Vitamins, Enzymes, Therapeutics, Introduction to Pathology of blood and urine. Lymphocytes and platelets, their role in health and disease, Erythrocytes. Anatomy of the Human and Physiology

- Scope of Anatomy and physiology, Elementary tissues,
- Skeletal System, Cardiovascular System, Respiratory system, Urinary System, Muscular System,
- Central Nervous System, Sensory Organs, Digestive System, Endocrine System, Reproductive system.
- Health Education & community pharmacy
- Concept of health, Nutrition and health, First aid, Environment and health, Fundamental principles of microbiology, Communicable

diseases, Respiratory infections, Intestinal infection, Arthropod borne infections, Surface infection, Sexually transmitted diseases, Non-communicable diseases, Epidemiology.

Toxicology and Pharmacology

Introduction to pharmacology, Routes of administration of drugs, General mechanism of drugs action, Drugs acting on the central Nervous system, Drugs acting on respiratory system, Autacoids, Cardiovascular drugs, Drugs affecting renal function, Hormones and hormone antagonists, Drugs acting on digestive system, Chemotherapy of microbial diseases, Disinfectants and antiseptics

Pharmaceutical Jurisprudence

Origin and nature of pharmaceutical legislation in India, Principles and significance of professional Ethics, Pharmacy Act, 1948, The Drugs and Cosmetics Act, 1940, The Drugs and Magic Remedies (objectionable Advertisement) Act, 1954, Narcotic Drugs and psychotropic substances Act, 1985, Latest Drugs (price control) order in force. Poisons Act 1919 (as amended to date) Medicinal and Toilet preparations (excise Duties) Act, 1955(as amended to date). Medical Termination of Pregnancy Act, 1971(as amended to date).

Drug Store and Business Management

*Part-I: Commerce- Introduction, Drug House Management, Sales, Recruitment, training, Banking and Finance.

Part-II:Accountancy - Introduction to the accounting concepts and conventions. Double entry, bookkeeping, different kinds of accounts, cash book, general ledger and trial balance, profit and loss account and balance sheet. Simple techniques of analyzing financial statements. Introduction to budgeting.

Hospital & Clinical Pharmacy

- Part-1: Hospital Pharmacy-Hospital and Hospital Pharmacy, Drug Distribution system in Hospitals, Manufacturing, Sterile manufacture,

<p>Non-sterile manufacture, P.T.C.(Pharmacy Therapeutic Committee), Hospital Formulary system, Drug Information service, Surgical dressing, Application of computers.</p> <ul style="list-style-type: none"> Part II: Clinical Pharmacy- Introduction to Clinical pharmacy practice, Modern dispensing aspects, Common daily terminology used in the practice of Medicine. Disease, manifestation and patho-physiology, Physiological parameters with their significance. Drug Interactions, Adverse Drug Reaction, Drugs in Clinical Toxicity, Drug dependencies, Bioavailability of drugs. 	
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9. संविदा सेक्टर स्वास्थ्य पर्यवेक्षक (Contractual Sector Health Supervisor):-

Details	Total Marks:450
<p>(A) GENERAL KNOWLEDGE & GENERAL SCIENCE AND CURRENT AFFAIRS</p> <ol style="list-style-type: none"> History of India. Indian National Movement with important events in Rajasthan. Geography of India & Rajasthan. Economy India & Rajasthan. India & Rajasthan- State & Governance, Constitution, Political System, Panchayati Raj System. Biodiversity in environmental conditions, climate change. Main features of society of Rajasthan, social problem, culture of Rajasthan. Current Events- India, Rajasthan & World. General Science (10th standard) 	36 Marks
<p>(B) GENERAL ENGLISH & HINDI</p> <ul style="list-style-type: none"> GENERAL ENGLISH <ol style="list-style-type: none"> Interference analysis, interpretation, evaluation & vocabulary, grammatical items, levels of accuracy. Accurate use of spelling, punctuation, grammar in context will be assessed through gap filling /editing /transformation exercises Tenses Rearranging of jumbled sentences Narration (Direct & Indirect) Modals Articles & Determiners 	33 Marks

<p>8. Comprehension with blanks to be filled in with Phrases, Pronouns ,Homonyms/Homophones</p> <p>9. Clauses</p> <p>10. Synonyms and antonyms</p> <p>11. Pairs of words and their use in meaningful sentences</p> <p>12. Idioms and phrases</p> <p>13. Active and passive voice</p> <p>14. Uses of prepositions.</p> <p>सामान्य हिन्दी-</p> <ol style="list-style-type: none"> 1. शब्दों की संधि एवं शब्दों का संधि-विच्छेद। 2. उपसर्ग एवं प्रत्यय-इनके संयोग से शब्द-संरचना तथा शब्दों से उपसर्ग एवं प्रत्यय को पृथक करना, इनकी पहचान। 3. समस्त (सामासिक) पद की रचना करना, समस्त (सामासिक) पद का विग्रह करना। 4. शब्द युग्मों का अर्थ भेद। 5. पर्यायवाची शब्द और विलोम शब्द। 6. शब्द शुद्धि - दिये गये अशुद्ध शब्दों को शुद्ध लिखना। 7. वाक्य शुद्धि वर्तनी संबंधी अशुद्धियों को छोड़कर वाक्य संबंधी अन्य व्याकरणीय अशुद्धियों का शुद्धीकरण। 8. वाक्यांश के लिये एक उपयुक्त शब्द। 9. पारिभाषिक शब्दावली-प्रशासन से सम्बन्धित अंग्रेजी शब्दों के समकक्ष हिन्दी शब्द। 10. मुहावरे एवं लोकोक्ति। 11. व्याकरण के लिए निर्धारित विषयों पर विषयवस्तु का बोध, भाषिक बिन्दुण/संरचना आदि 	
<p>(C) National Health Mission & Introduction to Reproductive Maternal New Born Child & Adolescent Health (RMNCH+A)</p> <ol style="list-style-type: none"> 1. Knowledge of National Health Mission, its various programs like Reproductive & Child Health (RCH), Communicable and Non-Communicable Disease Control Programs and their activities. 2. Ayushman Bharat and related health programs. 3. Introduction to the RMNCH+A services-historical context, evolution, coverage and innovations. 4. Various components of service delivery under RMNCH-A including Gol programs. 5. Maternal, new-born and child health (MNCH) services in the country. 6. Adolescent health. 7. Role of gender in public health programs. 8. Evolution of RCH services in the country-Millennium Development Goals (MDGs) and Sustainable Development Goals (SDG). 9. Innovation in service delivery 10. Framework for evaluation of services 	<p>36 Marks</p>

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<p>(D) Reproductive and Sexual Health & Maternal, Newborn and child health (MNCH):</p> <ol style="list-style-type: none"> 1. Fundamentals of reproductive biology 2. Adolescent sexual and reproductive health 3. Understanding reproductive health policy 4. Family welfare and reproductive health measures 5. Reproductive health programs in India. 6. Introduction to maternal, new born and child health programs and their behavioral basis. 7. Historical developments in MCH in India. 8. Reproductive and prenatal epidemiology. 9. Prenatal and infant growth and development. 10. Issues in the reduction of maternal and neonatal mortality. 11. Preventing peri-natal and infant mortality 12. Infectious disease and child survival. 13. Nutrition and growth in maternal and child health 14. Legislation and programs in MCH 	<p>33 Marks</p>
<p>(E) Public health nutrition (Diet & Nutrition)</p> <ol style="list-style-type: none"> 1. Appreciate the basic concepts and principles of foods and nutrition relevant to human health 2. Summarize population based dietary and nutritional recommendations 3. Define the concepts, purpose and scope of public health nutrition 4. Understand the definition, utility and application of epidemiology in nutritional science 5. Recognize the role of community nutrition in improving human health 6. Utilize suitable data and assessment methodologies to conduct community needs assessment 7. Recognize the pillars of a healthy community 8. Identify the most relevant nutrition concerns in the community at present and enlist strategies for their prevention and management (Adolescent, women, maternal and child under nutrition, nutrition transition, over-nutrition and chronic disease 9. Demonstrate an understanding of principles of nutrition education and enlist the step of developing nutrition education programs 10. Demonstrate an understanding of project planning and management in nutrition programmes 	<p>36 Marks</p>



<p>11. Appreciate inter sectoral nature of nutrition and food policy.</p> <p>12. Enlist the features of various ongoing nutrition programs</p> <p>13. Under (malnutrition)/over nutritional health conditions and management.</p>	
<p>(F) KNOWLEDGE OF COMPUTERS</p> <ol style="list-style-type: none"> 1. Basic Applications of computer and its component. 2. Fundamentals of computer sciences. 3. Concept of open source technologies. 4. Input & Output Devices. 5. Operating system 6. Knowledge of MS Word, MS Excel, MS Access, MS PowerPoint, PDF Internet and E-mail. 7. Concept of computer virus and anti-virus. 8. Hardware & software, elements of computers processing system Hardware, CPU, peripherals, storage media, software definition, role and categories firmware and human-ware. 9. Role of information technology in governance & IT Acts & Regulations. 	36 Marks
<p>(G) TOPIC RELATED TO PROFESSIONAL QUALIFICATION:</p> <p><i>(For SHS: Topics to be covered upto Graduation Level)</i></p> <ol style="list-style-type: none"> 1. Basic Understanding of Society and Social Work <ul style="list-style-type: none"> • Basic Social Concepts • Evolution of Human Society: Nature and Characteristics • Social Processes • Social Change: Concept and Factors Involved in Social Change • Social Control • Social Service and Social Welfare Programme in Five Years Plans • Voluntary Action and Social Work in India. • Social Work Ethics in Indian Context. 2. Social system and Social Sub-system <ul style="list-style-type: none"> • Marriage and Family • Society and Culture: Plurality of Culture in India • Social Stratification • The State as a Social Institution: Its Role and Impact on Other 	240 Marks



Institutions

3. Basics of Psychology for Social Workers

- Relevance of Psychology in Social Work practice
- Basic Psychological Concepts in Human Behavior
- Defense Mechanism
- Normality and Abnormality Basic Concepts of Social Psychology

4. Social Work Intervention with Individuals and Groups

- Social Work with Individuals
- Social Work with Groups
- Social Group Work: Historical Development
- Characteristics and Significance of Groups
- Principles, Skills, and Models of Group Work Practice
- Group Formation: Stage of the Development of Groups
- The social Group Worker's Role in Group Work Process.

5. Social problems and Services

6. General Areas of Social Work Practice

- Social Work With Family
- Social Work in Educational Settings
- Social Work in Health Care Sector
- Social work in Industrial Sector
- Social Work among Communities
- Social Work in Correctional Settings

7. Social Development and Social Work

- Development and Under Development
- Concept and Dynamics of Social Development
- Concepts and Type of Economic Systems
- Social Planning and Social Policy
- Human Development

10. संविदा सामाजिक कार्यकर्ता/संविदा मेडिकल सामाजिक कार्यकर्ता:-

(Contractual Social Worker /Contractual Medical Social Worker)

Details	Total Marks:450
<p>(A) GENERAL KNOWLEDGE & GENERAL SCIENCE AND CURRENT AFFAIRS</p> <ol style="list-style-type: none">1. History of India.2. Indian National Movement with important events in Rajasthan.3. India & Rajasthan- Geography, Physical, Social & Economic.4. India & Rajasthan- State & Governance, Constitution, Political System, Panchayati Raj System.5. Biodiversity in environmental conditions, climate change. Human (Economic & Social Development) & social problem.6. Current Events- India, Rajasthan & World.7. General Science 10th standard	45 Marks
<p>(B) GENERAL ENGLISH & HINDI</p> <ol style="list-style-type: none">1. Tenses2. Rearranging of jumbled sentences3. Narration (Direct & Indirect)4. Modals5. Articles & Determines6. Comprehension with blanks to be filled in with<ol style="list-style-type: none">a. Phrasesb. Pronouns7. Homonyms/Homophones8. Clauses9. Synonyms and antonyms10. Pairs of words and their use in meaningful sentences11. Idioms and phrases12. Uses of prepositions13. Active and passive voice <p>सामान्य हिन्दी:-</p> <ol style="list-style-type: none">1. दिये गये शब्दों की संधि एवं शब्दों का संधिविच्छेद।-2. उपसर्ग एवं प्रत्ययसंरचना तथा शब्दों से उपसर्ग -शब्द इनके संयोग से- एवं प्रत्यय को पृथक करना, इनकी पहचान।	45 Marks

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<ol style="list-style-type: none"> 3. समस्त (सामासिक) पद की रचना करना, समस्त (सामासिक) पद का विग्रह करना। 4. शब्द युग्मों का अर्थ भेद। 5. पर्यायवाची शब्द और विलोम शब्द । 6. शब्द शुद्धि लिखना। दिये गये अशुद्ध शब्दों को शुद्ध - 7. वाक्य शुद्धि वर्तनी संबंधी अशुद्धियों को छोड़कर वाक्य संबंधी अन्य व्याकरणीय अशुद्धियों का शुद्धीकरण। 8. वाक्यांश के लिये एक उपयुक्त शब्द। 9. पारिभाषिक शब्दावली प्रशासन से सम्बन्धित अंग्रेजी शब्दों के समकक्ष हिन्दी शब्द। 10. मुहावरे एवं लोकोक्ति 	
<p>(C) National Health Mission & Introduction to RMNCH+A</p> <ol style="list-style-type: none"> 1. Knowledge of National Health Mission, its various programs like RCH, Communicable and Non-Communicable Disease Control Programs and their activities. 2. Ayushman Bharat and related health programs. 3. Introduction to the RMNCH+A services-historical context, evolution, coverage and innovations. 4. Various components of service delivery under RMNCH-A including Gol programs. 5. Maternal, new-born and child health (MNCH) services in the country. 6. Adolescent health. 7. Role of gender in public health programs. 8. Evolution of RCH services in the country-Millennium Development Goals (MDGs) and Sustainable Development Goals (SDG). 9. Innovation in service delivery 10. Framework for evaluation of services 	45 Marks
<p>(D) KNOWLEDGE OF COMPUTERS</p> <ol style="list-style-type: none"> 1. Basic Applications of computer and its component. 2. Fundamentals of computer sciences. 3. Concept of open source technologies. 4. Input & Output Devices. 	45 Marks



5. Operating system
6. Knowledge of MS Word, MS Excel, MS Access, MS PowerPoint, PDF Internet and E-mail.
7. Concept of computer virus and anti-virus.
8. Hardware & software, elements of computers processing system Hardware, CPU, peripherals, storage media, software definition, role and categories firmware and human-ware.
9. Role of information technology in governance & IT Acts & Regulations.

(E) Topic Related to Professional Qualification:

270 Marks

Origin and Development of Social Work

History of Social Work: Global Scenario
 Social Work Profession and Education
 Social Work Concepts and Primary Methods
 Secondary Methods of Social Work

Professional Social Work : Indian Perspectives

Evolution of Social Work Practice in India
 Religion and Social Work: Indian Context
 Gandhian Concepts of Social Work
 Professional Social Work in Independent India

Basic Social Science Concepts

Basic Concepts of Society
 Basics of Psychology For Social Workers
 Family-The Basic Unit of Society
 Indian Families in Transition

Social Work and Social Development

Social Dynamics and Change
 Concepts of Development
 Development: Human Rights Perspective
 Social Legislations

Social Work Practicum and Supervision

Social Work Practicum: An Overview
 Roles and Expectations in Social Work Practicum
 Social Work Practicum in Various Settings

2

<p>Social Work Research Basics of Research in Social Work Research Methods in Social Work Tools and Methods of Data Collection Data Processing and Analysis</p> <p>Human Behavior and Social Environment Group Work Dynamics Leadership and Skill Development in Social Group Work Community Organization Management for Community Development Women and child development Disaster management Introduction to philanthropic social work</p>	
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11. संविदा अस्पताल प्रशासक:-

(Contractual HOSPITAL ADMINISTRATOR)

Details	Total Marks:450
<p>(A) GENERAL KNOWLEDGE & GENERAL SCIENCE AND CURRENT AFFAIRS</p> <ol style="list-style-type: none"> 1. History of India. 2. Indian National Movement with important events in Rajasthan. 3. India & Rajasthan- Geography, Physical, Social & Economic. 4. India & Rajasthan- State & Governance, Constitution, Political System, Panchayati Raj System. 5. Biodiversity in environmental conditions, climate change. Human (Economic & Social Development) & social problem. 6. Current Events- India, Rajasthan & World. 7. General Science 10th standard 	45 Marks
<p>(B) GENERAL ENGLISH & HINDI</p> <ol style="list-style-type: none"> 1. Tenses 2. Rearranging of jumbled sentences 3. Narration (Direct & Indirect) 4. Modals 5. Articles & Determines 6. Comprehension with blanks to be filled in with <ol style="list-style-type: none"> a. Phrases b. Pronouns 	45 Marks

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<p>7. Homonyms/Homophones 8. Clauses 9. Synonyms and antonyms 10. Pairs of words and their use in meaningful sentences 11. Idioms and phrases 12. Uses of prepositions 13. Active and passive voice</p> <p>सामान्य हिन्दी:-</p> <ol style="list-style-type: none"> 1. दिये गये शब्दों की संधि एवं शब्दों का संधिविच्छेद।- 2. उपसर्ग एवं प्रत्ययसंरचना तथा शब्दों से उपसर्ग एवं -इनके संयोग से शब्द-प्रत्यय को पृथक करना, इनकी पहचान। 3. समस्त (सामासिक) पद की रचना करना, समस्त (सामासिक) पद का विग्रह करना। 4. शब्द युग्मों का अर्थ भेद। 5. पर्यायवाची शब्द और विलोम शब्द । 6. शब्द शुद्धि दिये गये अशुद्ध शब्दों को शुद्ध लिखना। - 7. वाक्य शुद्धि वर्तनी संबंधी अशुद्धियों को छोड़कर वाक्य संबंधी अन्य व्याकरणीय अशुद्धियों का शुद्धीकरण। 8. वाक्यांश के लिये एक उपयुक्त शब्द। 9. पारिभाषिक शब्दावली प्रशासन से सम्बन्धित अंग्रेजी शब्दों के समकक्ष हिन्दी शब्द। 10. मुहावरे एवं लोकोक्ति 	
<p>(C) National Health Programs:</p> <ul style="list-style-type: none"> • Knowledge of National Health Mission, its various programs like RCH, Communicable and Non-Communicable Disease Control Programs and their activities. • Ayushman Bharat and related health programs. 	45 Marks
<p>(D) KNOWLEDGE OF COMPUTERS</p> <ol style="list-style-type: none"> 1. Basic Applications of computer and its component. 2. Fundamentals of computer sciences. 3. Concept of open source technologies. 4. Input & Output Devices. 5. Operating system 6. Knowledge of MS Word, MS Excel, MS Access, MS PowerPoint, PDF Internet and E-mail. 	45 Marks

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<p>7. Concept of computer virus and anti-virus.</p> <p>8. Hardware & software, elements of computers processing system Hardware, CPU, peripherals, storage media, software definition, role and categories firmware and human-ware.</p> <p>9. Role of information technology in governance & IT Acts & Regulations.</p>	
<p>(E) TOPIC RELATED TO PROFESSIONAL QUALIFICATION:</p> <p>1. Concept & Principles of Management</p> <p>a. Historical Background of Management,</p> <p> I. Development of various theories of management and major approaches to management.</p> <p> II. Understanding organizational behavior</p> <p> III. Current trends and issues in management</p> <p>b. Functions of management</p> <p> I. Planning</p> <p> II. Controlling</p> <p> III. Leading</p> <p>2. Health Policy and Health Care Delivery System</p> <p>a. Introduction of basic life science, medical terminology & business communication.</p> <p>b. Health System and Conceptual Foundations Defining, Objectives & Functions of health system</p> <p>c. Organization and Management of Public Health Care Delivery System</p> <p> I. National / State / District / Block level of Public Healthcare.</p> <p> II. Public health institutions: District Hospital, Sub District Hospital, Community Health Center, Primary Health Center Sub Center, Urban health institutions (urban health), First referral unit and Ayushman Bharat Health Centres.</p> <p>d. Primary Health Care Concept, elements, Principles of Primary health care and Primary health care in India</p> <p>e. National health policy 2017</p> <p>3. Essentials of Hospital Services (Hospital Planning and Management)</p> <p>I. Fundamentals of Clinical Services</p> <p> a. Outpatient Services</p> <p> b. Accident and Emergency Services</p> <p> c. Inpatient Services</p>	<p>270 Marks</p>



- d. Ward Management
- e. ICU
- f. Operation Theater
- II. Laws applicable to hospitals & legal aspects of health, health administration & medical care. Administration of clinical and non clinical services.
- III. Fundamentals of Support Services & Utility Services
 - a. CSSD
 - b. Laboratory Services
 - c. Imaging Services
 - d. Medical Records Department
 - e. Linen and laundry Services
 - f. Housekeeping
 - g. Hospital Security Services
 - h. Bio-medical Waste Management and Handling/ Health Care Waste Management (HCWM)

4. Quality Management

Quality Care in Hospital: Organization of Quality Management, Standards of Outcome, Concept of Hospital Accreditation, Benefits of Accreditation.

5. Logistics and Supply Chain Management

- a) Inventory and supply chain management in health care
- b) Operational issues and problems in logistics, inventory and supply chain management
- c) Store and Inventory Management
 - i. Inventory Management Cycle
 - ii. Procurement/Purchase Procedures
 - iii. Storage and Distribution
 - iv. Information and Documentation
 - v. Inventory Control
 - vi. Monitoring and Evaluation (M&E) of Supply Chain
- d) Equipment Management.

Health Insurance and Managed Care

- Introduction to Health Insurance
- Government health Insurance Schemes

6. Hospital Management Information System

- a) Concepts in Information Management
- b) Information Technology in Healthcare
- c) Implementation in various health programmes

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12. संविदा मेडिकल लैब टेक्नीशियन/संविदा लैब टेक्नीशियन:-

Contractual MEDICAL LAB TECHNICIAN/Contractual Lab Technician:-

Details	Total Marks:450
<p>(A) GENERAL KNOWLEDGE & GENERAL SCIENCE AND CURRENT AFFAIRS</p> <ol style="list-style-type: none">1. History of India.2. Indian National Movement with important events in Rajasthan.3. India & Rajasthan- Geography, Physical, Social & Economic.4. India & Rajasthan- State & Governance, Constitution, Political System, Panchayati Raj System.5. Biodiversity in environmental conditions, climate change. Human (Economic & Social Development) & social problem.6. Current Events- India, Rajasthan & World.7. General Science 10th standard	45 Marks
<p>(B) GENERAL ENGLISH & HINDI</p> <ol style="list-style-type: none">1. Tenses2. Rearranging of jumbled sentences3. Narration (Direct & Indirect)4. Modals5. Articles & Determines6. Comprehension with blanks to be filled in with A. Phrases B. Pronouns7. Homonyms/Homophones8. Clauses9. Synonyms and antonyms10. Pairs of words and their use in meaningful sentences11. Idioms and phrases12. Uses of prepositions13. Active and passive voice <p>सामान्य हिन्दी:-</p> <ol style="list-style-type: none">1. शब्दों की संधि एवं शब्दों का संधिविच्छेद।-2. उपसर्ग एवं प्रत्ययसंरचना तथा शब्दों से -इनके संयोग से शब्द-उपसर्ग एवं प्रत्यय को पृथक करना, इनकी पहचान।3. समस्त पद की रचना (सामासिक) करना, समस्त (सामासिक)	45 Marks

<p>पद का विग्रह करना।</p> <ol style="list-style-type: none"> 4. शब्द युग्मों का अर्थ भेद। 5. पर्यायवाची शब्द और विलोम शब्द । 6. शब्द शुद्धि शब्दों को शुद्ध लिखना। दिये गये अशुद्ध - 7. वाक्य शुद्धि वर्तनी संबंधी अशुद्धियों को छोड़कर वाक्य संबंधी अन्य व्याकरणीय अशुद्धियों का शुद्धीकरण। 8. वाक्यांश के लिये एक उपयुक्त शब्द। 9. पारिभाषिक शब्दावली प्रशासन से सम्बन्धित अंग्रेजी शब्दों के समकक्ष हिन्दी शब्द। 10. मुहावरे एवं लोकोक्ति 	
<p>(C) KNOWLEDGE OF COMPUTERS</p> <ol style="list-style-type: none"> 1. Basic Applications of computer and its component. 2. Fundamentals of computer sciences. 3. Concept of open source technologies. 4. Input & Output Devices. 5. Operating system 6. Knowledge of MS Word, MS Excel, MS Access, MS PowerPoint, PDF Internet and E-mail. 7. Concept of computer virus and anti-virus. 8. Hardware & software, elements of computers processing system Hardware, CPU, peripherals, storage media, software definition, role and categories firmware and human-ware. 9. Role of information technology in governance & IT Acts & Regulations. 	45 Marks
<p>(D) National Health Programs:</p> <ol style="list-style-type: none"> 1. Knowledge of National Health Mission, its various programs like RCH, Communicable and Non-Communicable Disease Control Programs and their activities. 2. Ayushman Bharat and related health programs. 	45 Marks

(E) Topic Related to Professional Qualification:

270 Marks

1. Anatomy and Physiology

Anatomy and Physiology of the human body.

- Cells: Structure and function
- Tissues: Epithelial, Muscular, Connective (Cartilage and bone) and necrosis.
- Blood
- Circulatory system
- Digestive system
- Respiratory system
- Nervous system
- Endocrine system
- Urinary system
- Ear, Nose, Tongue and skin.
- Skeletal system
- Muscular system
- Reproductive system

2. Hematology and blood banking :-

a. Clinical Pathology and Quality Control

b. Clinical Pathology :-

- Introduction to clinical pathology & safety measures in lab.
- Quality control - Internal and external.
- Urine analysis
- Collection, composition, preservation and gross examination of urine.
- Chemical and microscopic examination of urine.
- Cerebrospinal fluid (CSF) examination.
- Examination of other body fluids.
- Semen analysis.
- Norms of biomedical waste and discarding of infected blood.

c. Hematology:

- Introduction to clinical hematology, instruments and glassware's used in hematology washing of laboratory glassware.
- Preparation of various stains, buffers and other solution used in hematology. Methods of collection of blood sample and anticoagulants used in different tests and various types of vacutainers.

- Red blood cell counting.
- White blood cell count and absolute eosinophil count.
- Platelet and reticulocyte count.
- Methods of hemoglobin estimation, their merits and demerits.
- Packed cell volume.
- Blood indices.
- Erythrocyte sedimentation rate.
- Preparation and staining of peripheral blood smear.
- Morphology of normal and abnormal forms of RBC's.
- Morphology of normal and abnormal forms of Leucocytes.
- Differential Leucocyte count.
- Bone marrow examination - Different sites and needles used.
- Osmotic fragility test.
- Estimation of foetal haemoglobin.
- G6PD Estimation.
- Sickling test.
- Automation in Hematology - Basic principals

d. Blood Banking

- Screening and selection of donor.
- Collection and storage of blood.
- Blood grouping - A B O RH, and other systems of blood groups, sub group of A, Bombay group, Antibodies to ABO System, Anti AB and Anti H antibody.
- ABO testing slides and tube test, reverse grouping, discrepancies between cell and serum results, sources of error, rouleux formation and methods of checking it.
- RH grouping test slide or rapid tube test false - Positive and false - Negative results, Du system & its significance.
- Cross matching, reasons of cross match, saline, albumin, Coombs and enzymes in testing.
- Coombs test - Directed and indirect, principle, explanation of procedure and sources of error control, interpretation and clinical application.
- Preparation of various components of the blood and their storage.
- Grouping and cross matching by Gel techniques.

e. Clinical pathology :-

- Complete urine examination.
- Semen analysis.
- CSF and other body fluids examinations
- Blood cell counts including reticulocyte count
- Haemoglobin estimation, Haemoglobin electrophoresis.
- Determination of PC; ESR and blood indices.
- L.E. cell test, test for cold agglutination.
- Preparation and staining of peripheral blood and bone marrow smears.
- Differential leucocyte count.
- Osmotic fragility test
- Sickling test
- Foetal haemoglobin estimation
- G6PD estimation.
- Blood grouping and cross matching
- Organization of blood bank, separation and uses of various components of blood.
- Transfusion reactions.

3. Environmental studies :-

I. General

- i) Biotic and a biotic environment
- ii) Adverse effect of environmental pollution
- iii) Control strategies
- iv) Various acts and regulations.

II. Water Pollution

III. Air Pollution

IV. Land Pollution

4. Bio Medical waste management

- Introduction to bio-medical waste
- Types of bio medical waste
- Collection of bio medical waste
- Treatment and safe disposal of bio-medical waste

5. Microbiology Including parasitological & Immunology :-

a. Human Parasitology

Protozoa- classification, morphology life cycle (Diagrammatic) and lab diagnosis (short) E. Histolytica, giardia intestinalis, malarial parasite, trichomonas, leishmania, trypanosome, toxoplasma.

b. Nematodes

Classification, morphology life cycle (Diagrammatic) and lab diagnosis (Short) ascaris, ankylostoma duodenale, enterbius, vermicularis, trichuris, strongyloides, dracunculus, wuchereria, banacrofti, onchocerea.

c. Platyhelminthes

- Classification - Names with general outline, morphology, life cycle (Chart)
- Lab Diagnosis (Short)
- Taenia solium
- Taenia saginata
- Hymenolepis nana
- Echinococcus granulosus

d. Systemic bacteriology

- Morphology, culture, identification and laboratory diagnosis.
- Gram positive cocci-staphylococci, streptococci, pneumococci.
- Gram negative cocci - Neisseria
- Gram negative bacilli-Classification of enterobacteriaceae.
 - Morphology
 - Culture
 - Biochemical diagnosis.
 - Laboratory diagnosis
 - Coli, klebsiella, Enterobacter, Proteus, Salmonella, Shigella, Vibrio Pseudomonas.

e. Fastidious

- Haemophilus
- Gram positive bacilli
 - Morphology, culture, biochemical identification and lab

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diagnosis.

- Corynebacterium.
- Clostridium
- Bacillus

f. Spirochaetes- Morphology and serological (T. Pallidum diagnosis)

g. Mycobacteria - Morphology classification identification by biochemical tests.

6. Virology

General character with classification

Human immune deficiency virus

Hepatitis viruses.

7. Immunology

Antigen antibody reaction-Principles and practical application of various types of serological tests - Precipitation, agglutination, complement fixation test, neutralization, ELISA, Radio immuno assay, electrophoresis, immunofluorescence, polymerase chain reaction (in short), Hypersensitivity-Definition and type only.

8. Pathology :-

a. Histopathology

- i. General principles of histopathological work: Collection of specimen, numbering and giving tissue bits.
- ii. Equipments used in histopathology, their merits & demerits and care to be taken.
- iii. Fixatives used in histopathology - Preparation, advantages and disadvantages.
- iv. Frozen section and cryostat technique, staining and mounting, morbid anatomy.
- v. Decalcification - Methods, advantages and disadvantages of each method

b. Cytology:

- i. Introduction of cytopathology, methods of collection of materials making smears and preparations of fixatives used.
- ii. Different stains used, their preparation and staining the smears.
- iii. Demonstration of Barr- Bodies (Sex Chromatin).

c. Staining technique

- i. Morbid anatomy
- ii. Tissue processing - Fixation, dehydration, clearing impregnation in paraffin.
- iii. Making of blocks and section cutting, errors In section cutting and their correction.
- iv. Preparation of different types of haematoxylin and Eosins including staining technique of rapid diagnosis.
- v. Haematoxylin and Eosin staining, including staining technique for rapid diagnosis and mounting (Different type of special stains)
- vi. Preparation of different type of special stains
- vii. Special staining techniques.
- viii. Immuno-histochemical and immunio-cytochemical staining.

d. Hematology

- i. Investigation of bleeding disorders- Normal coagulation cascade.
- ii. Bleeding time and clotting time, methods and interpretation.
- iii. Clot retractin time.
- iv. Prothrombin time.
- v. Activated partial thromboplastine time.
- vi. Thrombin time
- vii. Fibrinogen Degradation Products (FDP)

e. Mounting techniques

- i. Preparation of specimen for mounting.
- ii. Preparation of fixatives for mounting.
- iii. Techniques of mounting
- iv. Organization of medical laboratory and museum and their maintenance.

f. Bio-Chemistry :-

- i. Digestion, absorption and assimilation of carbohydrates, blood sugar, regulation of blood sugar glycolysis, TCA, Cycle, glycogenesis, glycogenolysis, GTT, metabolic disease associated with carbohydrate metabolism, diabetes mellitus, glycated hemoglobin.
- ii. Digestion, absorption of proteins, amino acids, urea formation, formation of creatinine, metabolic, disorders associated with amino acid metabolism, electrophoretic separation of proteins.
- iii. Digestion and absorption and assimilation of lipids, ketone, bodies

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<p>formation metabolic disorders associated with lipids, cholesterol and lipoprotein metabolism.</p> <p>iv. Metabolic disorders associated with nucleic acid metabolism, gout etc.</p> <p>v. Kidney function tests, urine formation, informal and abnormal constituents.</p> <p>vi. Liver function tests and different type of jaundice.</p> <p>vii. Cardiac profile tests application and significance.</p> <p>viii. Pancreatic enzymes and diagnostic importance.</p> <p>ix. Chemistry of blood, composition and importance of different constituents, hemoglobin biosynthesis, porphyrias and its composition and diagnostic significance.</p> <p>x. Constituents of gastric juice and diagnostic importance.</p> <p>xi. Principles of special investigation like RIA, ELISA and chemiluminescence.</p> <p>xii. Normal values, normal range, interpretative clinical chemistry, quality controls internal and external.</p> <p>xiii. Automation in clinical investigation - Auto and semi analyzers, continuous flow analyzers, discrete analyzers, batch analyzers random access auto analyzer, dry chemistry analyzers - Reagents kits.</p> <p>xiv. Recording of patients date, reporting values, preparation of investigation, statistics.</p>	
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13. संविदा कंपाउन्डर आयुर्वेद (Contractual Compounder Ayurved):-

Details	Total Marks:450
<p>(A) GENERAL KNOWLEDGE & GENERAL SCIENCE AND CURRENT AFFAIRS</p> <ol style="list-style-type: none"> 1. History of India. 2. Indian National Movement with important events in Rajasthan. 3. India & Rajasthan- Geography, Physical, Social & Economic. 4. India & Rajasthan- State & Governance, Constitution, Political System, Panchayati Raj System. 5. Biodiversity in environmental conditions, climate change. Human (Economic & Social Development) & social problem. 6. Current Events- India, Rajasthan & World. 7. General Science 10th standard 	45 Marks

(B) GENERAL ENGLISH & HINDI

45 Marks

1. Tenses
2. Rearranging of jumbled sentences
3. Narration (Direct & Indirect)
4. Modals
5. Articles & Determines
6. Comprehension with blanks to be filled in with
 - A. Phrases
 - B. Pronouns
7. Homonyms/Homophones
8. Clauses
9. Synonyms and antonyms
10. Pairs of words and their use in meaningful sentences
11. Idioms and phrases
12. Uses of prepositions
13. Active and passive voice

सामान्य हिन्दी:-

1. दिये गये शब्दों की संधि एवं शब्दों का संधिविच्छेद।-
2. उपसर्ग एवं प्रत्ययसंरचना तथा शब्दों-इनके संयोग से शब्द- से उपसर्ग एवं प्रत्यय को पृथक करना, इनकी पहचान।
3. समस्त (सामासिक) पद की रचना करना, समस्त (सामासिक) पद का विग्रह करना।
4. शब्द युग्मों का अर्थ भेद।
5. पर्यायवाची शब्द और विलोम शब्द ।
6. शब्द शुद्धि शब्दों को शुद्ध लिखना। दिये गये अशुद्ध -
7. वाक्य शुद्धि वर्तनी संबंधी अशुद्धियों को छोड़कर वाक्य संबंधी अन्य व्याकरणीय अशुद्धियों का शुद्धीकरण।
8. वाक्यांश के लिये एक उपयुक्त शब्द।
9. पारिभाषिक शब्दावली प्रशासन से सम्बन्धित अंग्रेजी शब्दों के समकक्ष हिन्दी शब्द।
10. मुहावरे एवं लोकोक्ति

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<p>(C) KNOWLEDGE OF COMPUTERS</p> <ol style="list-style-type: none"> 1. Basic Applications of computer and its component. 2. Fundamentals of computer sciences. 3. Concept of open source technologies. 4. Input & Output Devices. 5. Operating system 6. Knowledge of MS Word, MS Excel, MS Access, MS PowerPoint, PDF Internet and E-mail. 7. Concept of computer virus and anti-virus. 8. Hardware & software, elements of computers processing system Hardware, CPU, peripherals, storage media, software definition, role and categories firmware and human-ware. 9. Role of information technology in governance & IT Acts & Regulations. 	45 Marks
<p>(D) National Health Programs:</p> <ol style="list-style-type: none"> 1. Knowledge of National Health Mission, its various programs like RCH, Communicable and Non-Communicable Disease Control Programs and their activities. 2. Ayushman Bharat and related health programs. 	45 Marks
<p>(E) Topic Related to Professional Qualification(Diploma level):</p> <ol style="list-style-type: none"> 1. शरीर (शरीर रचना एवं क्रिया) 2. आयुर्वेद का इतिहास 3- आकस्मिक उपचार, व्यक्तिगत और सार्वजनिक स्वच्छता 4. चिकित्सा में आयुर्वेदिक प्रणाली की शुरुआत 5. नर्सिंग के सिद्धान्त और अभ्यास 6. परिचर्या के मूल सिद्धान्त 7. स्वस्थवत् <ul style="list-style-type: none"> ● व्यक्तिगत एवं सामुदायिक स्वास्थ्य ● आहार एवं पोषण ● योग एवं प्राकृतिक चिकित्सा 8. औषध द्रव्य परिचय <ul style="list-style-type: none"> ● आयुर्वेदद्रव्यगुण, ● यूनानीद्रव्यगुण, ● होम्योपैथीद्रव्यगुण 9. रसशाला (फार्मसी) तथा औषध एवं पथ्य निर्माण 	270 Marks



<ul style="list-style-type: none"> • आयुर्वेद, • यूनानी, • होम्योपैथी <p>10. चिकित्सा परिचर्या 11. शल्य-शालाक्य परिचर्या 12. स्त्री रोग प्रसूतिपरिचर्या 13. बालस्वास्थ्य परिचर्या 14. मनोस्वास्थ्य परिचर्या 15. पंचकर्मपरिचर्या</p>	
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14. संविदा रिहैबिलिटेशन कार्यकर्ता:-

Contractual REHABILITATION WORKER

Details	Total Marks:450
<p>(A) GENERAL KNOWLEDGE & GENERAL SCIENCE AND CURRENT AFFAIRS</p> <ol style="list-style-type: none"> 1. History of India. 2. Indian National Movement with important events in Rajasthan. 3. India & Rajasthan- Geography, Physical, Social & Economic. 4. India & Rajasthan- State & Governance, Constitution, Political System, Panchayati Raj System. 5. Biodiversity in environmental conditions, climate change. Human (Economic & Social Development) & social problem. 6. Current Events- India, Rajasthan & World. 7. General Science 10th standard. 	45 Marks
<p>(B) GENERAL ENGLISH & HINDI</p> <ol style="list-style-type: none"> 1. Tenses 2. Rearranging of jumbled sentences 3. Narration (Direct & Indirect) 4. Modals 5. Articles & Determinines 6. Comprehension with blanks to be filled in with <ol style="list-style-type: none"> a. Phrases b. Pronouns 7. Homonyms/Homophones 	45 Marks

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<p>8. Clauses 9. Synonyms and antonyms 10. Pairs of words and their use in meaningful sentences 11. Idioms and phrases 12. Uses of prepositions 13. Active and passive voice</p> <p>सामान्य हिन्दी:-</p> <ol style="list-style-type: none"> 1. दिये गये शब्दों की संधि एवं शब्दों का संधिविच्छेद।- 2. उपसर्ग एवं प्रत्ययसंरचना तथा शब्दों से उपसर्ग -इनके संयोग से शब्द- एवं प्रत्यय को पृथक करना, इनकी पहचान। 3. समस्त (सामासिक) पद की रचना करना, समस्त (सामासिक) पद का विग्रह करना। 4. शब्द युग्मों का अर्थ भेद। 5. पर्यायवाची शब्द और विलोम शब्द । 6. शब्द शुद्धि दिये गये अशुद्ध शब्दों को शुद्ध लिखना। - 7. वाक्य शुद्धि वर्तनी संबंधी अशुद्धियों को छोड़कर वाक्य संबंधी अन्य व्याकरणीय अशुद्धियों का शुद्धीकरण। 8. वाक्यांश के लिये एक उपयुक्त शब्द। 9. पारिभाषिक शब्दावलीप्रशासन से सम्बन्धित अंग्रेजी शब्दों के समकक्ष हिन्दी शब्द 10. मुहावरे एवं लोकोक्ति 	
<p>(C) National Health Mission</p> <ol style="list-style-type: none"> 1. Knowledge of National Health Mission, its various programs like RCH, Communicable and Non-Communicable Disease Control Programs and their activities. 2. Ayushman Bharat and related health programs. 	45 Marks
<p>(D) KNOWLEDGE OF COMPUTERS</p> <ol style="list-style-type: none"> 1. Basic Applications of computer and its component. 2. Fundamentals of computer sciences. 3. Concept of open source technologies. 4. Input & Output Devices. 5. Operating system 6. Knowledge of MS Word, MS Excel, MS Access, MS PowerPoint, PDF 	45 Marks

<p>Internet and E-mail.</p> <p>7. Concept of computer virus and anti-virus.</p> <p>8. Hardware & software, elements of computers processing system Hardware, CPU, peripherals, storage media, software definition, role and categories firmware and human-ware.</p> <p>9. Role of information technology in governance & IT Acts & Regulations.</p>	
<p>(E) TOPIC RELATED TO PROFESSIONAL QUALIFICATION:</p> <ol style="list-style-type: none"> 1. Basic understanding of Human anatomy and Body functioning 2. Understanding of basic health conditions and basic knowledge of diagnostics 3. Basic knowledge on disability and its implications, difficulties/limitations arising due to disability. 4. Common Geriatric health conditions and their impact on the society 5. Normal Gait pattern and identification of its common deviations 6. Manual therapy, Bed positioning, exercise therapy & Physical Modalities 7. Magnitude and prevalence of Disability 8. Basic principles, philosophy and genesis of Community Based Rehabilitation. 9. Community Based Rehabilitation and Institutional Based Rehabilitation. 10. Different approaches in Community Based Rehabilitation (such as single disability, multi disability, and single sectoral, and multi sectoral approaches.) 11. Community Based Rehabilitation strategies- steps in safe guarding the rights of persons with disabilities 12. Activities of daily living and domains of independent management. 13. Barrier free aspects -inclusive environment 14. Early Identification of geriatric problems– Screening at PHC level, hospital, community. Rural Health Mission 15. Intervention with reference to specific disabilities 16. Counseling principles and methods, Partnership with families in planning early intervention. Formation of self-help, mutual aid groups for early intervention, Care givers Burden- Support groups 17. Assistive devices for persons with disability 18. Basic concepts and principles in Physiotherapy, Assessment of functional problems, Basic programs to improve activities of daily living. 	<p>270 Marks</p>

<p>19. Vocational rehabilitation aspects, Community mapping for employment resources from family trades, local trades and marketing opportunities.</p> <p>20. Home Care Assistance and Rehabilitation for elderly population with Disability</p> <p>21. Home care assistance and First aid, Functional Assessment, Needs assessment, Daily living skills, Mobility training, Use of assistive devices - crutches, wheel chairs, cane, Behavior modification techniques, Epilepsy Care, care for Incontinence & Pressure sores</p> <p>22. Social work principles in the community organization and mobilization.</p> <p>23. Basic principles in building collaborative relationships that emphasize trust and respect. Different modes of communication using print electronic, internet, social media etc.</p> <p>24. Common documents used in social work and CBR.</p> <p>25. Human Rights and Organizations working with the disabled & elderly people.</p>	
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15. संविदा ऑडियोलोजिस्ट / संविदा ऑडियोलोजिस्ट(स्पीच थेरेपिस्ट)

(Contractual AUDIOLOGIST / Contractual Audiologist/Speech Therapist)

<p>(A) GENERAL KNOWLEDGE & GENERAL SCIENCE AND CURRENT AFFAIRS</p> <ol style="list-style-type: none"> History of India. Indian National Movement with important events in Rajasthan. India & Rajasthan- Geography, Physical, Social & Economic. India & Rajasthan- State & Governance, Constitution, Political System, Panchayati Raj System. Biodiversity in environmental conditions, climate change. Human (Economic & Social Development) & social problem. Current Events- India, Rajasthan & World. General Science 10th standard. 	45 Marks
<p>(B) GENERAL ENGLISH & HINDI</p> <ol style="list-style-type: none"> Tenses Rearranging of jumbled sentences Narration (Direct & Indirect) Modals Articles & Determines Comprehension with blanks to be filled in with <ol style="list-style-type: none"> Phrases 	45 Marks

b. Pronouns

7. Homonyms/Homophones
8. Clauses
9. Synonyms and antonyms
10. Pairs of words and their use in meaningful sentences
11. Idioms and phrases
12. Uses of prepositions
13. Active and passive voice

सामान्य हिन्दी:-

1. दिये गये शब्दों की संधि एवं शब्दों का संधिविच्छेद।-
2. उपसर्ग एवं प्रत्ययसंरचना तथा शब्दों से उपसर्ग -इनके संयोग से शब्द- एवं प्रत्यय को पृथक करना, इनकी पहचान।
3. समस्त (सामासिक) पद की रचना करना, समस्त (सामासिक) पद का विग्रह करना।
4. शब्द युग्मों का अर्थ भेद।
5. पर्यायवाची शब्द और विलोम शब्द ।
6. शब्द शुद्धि दिये गये अशुद्ध शब्दों को शुद्ध लिखना। -
7. वाक्य शुद्धि वर्तनी संबंधी अशुद्धियों को छोड़कर वाक्य संबंधी अन्य व्याकरणीय अशुद्धियों का शुद्धीकरण।
8. वाक्यांश के लिये एक उपयुक्त शब्द।
9. पारिभाषिक शब्दावलीप्रशासन से सम्बन्धित अंग्रे-जी शब्दों के समकक्ष हिन्दी शब्द
10. मुहावरे एवं लोकोक्ति

(C) National Health Mission

1. Knowledge of National Health Mission, its various programs like RCH, Communicable and Non-Communicable Disease Control Programs and their activities.
2. Ayushman Bharat and related health programs.

45 Marks

2

<p>(D) KNOWLEDGE OF COMPUTERS</p> <ol style="list-style-type: none"> 1. Basic Applications of computer and its component. 2. Fundamentals of computer sciences. 3. Concept of open source technologies. 4. Input & Output Devices. 5. Operating system 6. Knowledge of MS Word, MS Excel, MS Access, MS PowerPoint, PDF Internet and E-mail. 7. Concept of computer virus and anti-virus. 8. Hardware & software, elements of computers processing system Hardware, CPU, peripherals, storage media, software definition, role and categories firmware and human-ware. 9. Role of information technology in governance & IT Acts & Regulations. 	<p>45 Marks</p>
<p>(E) TOPIC RELATED TO PROFESSIONAL QUALIFICATION:</p> <ol style="list-style-type: none"> 1. Introduction to Speech and Language Pathology 2. Introduction to Audiology 3. Basic Human anatomy and Physiology 4. Basic Acoustics And Electronics 5. Introduction to Linguistics. 6. Psychology related to Speech and Hearing 7. Child Communication and Disorders. 8. Articulation and Phonological Disorders. 9. Voice and Laryngectomy 10. Diagnostic Audiology 11. Amplification and Assistive devices for the hearing impaired. 12. Educational Audiology- Otorhinolaryngology, Community Oriented Professional practices in Speech Language Pathology. 13. Basic Statistics and Research. 14. Fluency and its disorders. 15. Adult Neuro-Communication Disorders. 16. Neuro-motor Speech Disorders. 17. Rehabilitative Audiology. 18. Noise Measurement and Hearing Conservation. 19. Educational Audiology, Clinical Work (Speech Pathology), Clinical Work (Audiology). <p>Note:- Topics in syllabus are indicative, candidates shall go through as per prescribed syllabus from governing council/statutory body.</p>	<p>270 Marks</p>

16. संविदा फिजीयोथेरेपिस्ट सहायक / संविदा फिजीयोथेरेपिस्ट

(Contractual Physiotherapist/Contractual PHYSIOTHERAPIST ASSISTANT)

<p>(A) GENERAL KNOWLEDGE & GENERAL SCIENCE AND CURRENT AFFAIRS</p> <ol style="list-style-type: none">1. History of India.2. Indian National Movement with important events in Rajasthan.3. India & Rajasthan- Geography, Physical, Social & Economic.4. India & Rajasthan- State & Governance, Constitution, Political System, Panchayati Raj System.5. Biodiversity in environmental conditions, climate change. Human (Economic & Social Development) & social problem.6. Current Events- India, Rajasthan & World.7. General Science 10th standard.	45 Marks
<p>(B) GENERAL ENGLISH & HINDI</p> <ol style="list-style-type: none">1. Tenses2. Rearranging of jumbled sentences3. Narration (Direct & Indirect)4. Modals5. Articles & Determines6. Comprehension with blanks to be filled in with<ol style="list-style-type: none">a. Phrasesb. Pronouns7. Homonyms/Homophones8. Clauses9. Synonyms and antonyms10. Pairs of words and their use in meaningful sentences11. Idioms and phrases12. Uses of prepositions13. Active and passive voice <p>सामान्य हिन्दी:-</p> <ol style="list-style-type: none">1. दिये गये शब्दों की संधि एवं शब्दों का संधिविच्छेद।-2. उपसर्ग एवं प्रत्ययसंरचना तथा शब्दों से उपसर्ग -इनके संयोग से शब्द- एवं प्रत्यय को पृथक करना, इनकी पहचान।3. समस्त (सामासिक) पद की रचना करना, समस्त (सामासिक) पद का विग्रह करना।4. शब्द युग्मों का अर्थ भेद।	45 Marks

2

<ol style="list-style-type: none"> 5. पर्यायवाची शब्द और विलोम शब्द । 6. शब्द शुद्धि शुद्ध लिखना। दिये गये अशुद्ध शब्दों को - 7. वाक्य शुद्धि वर्तनी संबंधी अशुद्धियों को छोड़कर वाक्य संबंधी अन्य व्याकरणीय अशुद्धियों का शुद्धीकरण। 8. वाक्यांश के लिये एक उपयुक्त शब्द। 9. पारिभाषिक शब्दावली प्रशासन से सम्बन्धित अंग्रेजी शब्दों के समकक्ष हिन्दी शब्द। 10. मुहावरे एवं लोकोक्ति 	
<p>(C) National Health Mission</p> <ol style="list-style-type: none"> 1. Knowledge of National Health Mission, its various programs like RCH, Communicable and Non-Communicable Disease Control Programs and their activities. 2. Ayushman Bharat and related health programs. 	45 Marks
<p>(D) KNOWLEDGE OF COMPUTERS</p> <ol style="list-style-type: none"> 1. Basic Applications of computer and its component. 2. Fundamentals of computer sciences. 3. Concept of open source technologies. 4. Input & Output Devices. 5. Operating system 6. Knowledge of MS Word, MS Excel, MS Access, MS PowerPoint, PDF Internet and E-mail. 7. Concept of computer virus and anti-virus. 8. Hardware & software, elements of computers processing system Hardware, CPU, peripherals, storage media, software definition, role and categories firmware and human-ware. 9. Role of information technology in governance & IT Acts & Regulations. 	45 Marks
<p>(E) TOPIC RELATED TO PROFESSIONAL QUALIFICATION:</p> <ol style="list-style-type: none"> 1. Anatomy 2. Physiology 3. Biochemistry 4. Exercise Therapy 5. Electrotherapy 6. Orientation to Physiotherapy 	270 Marks

<p>7. Sociology 8. Pathology and Microbiology 9. Pharmacology 10. Psychology and Psychiatry 11. Community Medicine 12. Biomechanics and Kinesiology 13. Orthopedics 14. Surgery and Obstetrics & Gynecology. 15. Medicine & Pediatrics. 16. Neurology and Neurosurgery 17. Functional Assessment and Outcome Measures 18. Clinical Rehabilitation 19. P.T. in Orthopedic Conditions 20. P.T. in Surgical and Obstetrics & Gynecologic Conditions 21. P.T. in Medical & Pediatrics Conditions 22. P.T. in Neurological and Neurosurgical Conditions 23. Supervised Physiotherapy practice for indoor and outdoor patients. 24. Biostatics and Research Methodology.</p> <p>Note:- Topics in syllabus are indicative, candidates shall go through as per prescribed syllabus from governing council/statutory body.</p>	
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17. संविदा वरिष्ठ काउन्सलर:-

Contractual SENIOR COUNSELLOR

Details	Total Marks:450
<p>(A) GENERAL KNOWLEDGE & GENERAL SCIENCE AND CURRENT AFFAIRS</p> <ol style="list-style-type: none"> 1. History of India. 2. Indian National Movement with important events in Rajasthan. 3. India & Rajasthan- Geography, Physical, Social & Economic. 4. India & Rajasthan- State & Governance, Constitution, Political System, Panchayati Raj System. 5. Biodiversity in environmental conditions, climate change. Human (Economic & Social Development) & social problem. 6. Current Events- India, Rajasthan & World. 7. General Science 10th standard 	45 Marks

(B) GENERAL ENGLISH & HINDI

45 Marks

1. Tenses
2. Rearranging of jumbled sentences
3. Narration (Direct & Indirect)
4. Modals
5. Articles & Determiners
6. Comprehension with blanks to be filled in with
 - a. Phrases
 - b. Pronouns
7. Homonyms/Homophones
8. Clauses
9. Synonyms and antonyms
10. Pairs of words and their use in meaningful sentences
11. Idioms and phrases
12. Uses of prepositions
13. Active and passive voice

सामान्य हिन्दी:-

1. दिये गये शब्दों की संधि एवं शब्दों का संधिविच्छेद।-
2. उपसर्ग एवं प्रत्ययसंरचना तथा -इनके संयोग से शब्द-शब्दों से उपसर्ग एवं प्रत्यय को पृथक करना, इनकी पहचान।
3. समस्त (सामासिक) पद की रचना करना, समस्त (सामासिक) पद का विग्रह करना।
4. शब्द युग्मों का अर्थ भेद।
5. पर्यायवाची शब्द और विलोम शब्द ।
6. शब्द शुद्धि दिये गये अशुद्ध शब्दों को शुद्ध लिखना। -
7. वाक्य शुद्धि वर्तनी संबंधी अशुद्धियों को छोड़कर वाक्य संबंधी अन्य व्याकरणीय अशुद्धियों का शुद्धीकरण।
8. वाक्यांश के लिये एक उपयुक्त शब्द।
9. पारिभाषिक शब्दावली प्रशासन से सम्बन्धित अंग्रेजी शब्दों के समकक्ष हिन्दी शब्द।
10. मुहावरे एवं लोकोक्ति

<p>(C) National Health Mission & Introduction to RMNCH+A</p> <ol style="list-style-type: none"> 1. Knowledge of National Health Mission, its various programs like RCH, Communicable and Non-Communicable Disease Control Programs and their activities. 2. Ayushman Bharat and related health programs. 3. Introduction to the RMNCH+A services-historical context, evolution, coverage and innovations. 4. Various components of service delivery under RMNCH-A including Gol programs. 5. Maternal, new-born and child health (MNCH) services in the country. 6. Adolescent health. 7. Role of gender in public health programs. 8. Evolution of RCH services in the country-Millennium Development Goals (MDGs) and Sustainable Development Goals (SDG). 9. Innovation in service delivery 10. Framework for evaluation of services 	<p>45 Marks</p>
<p>(D) KNOWLEDGE OF COMPUTERS</p> <ol style="list-style-type: none"> 1. Basic Applications of computer and its component. 2. Fundamentals of computer sciences. 3. Concept of open source technologies. 4. Input & Output Devices. 5. Operating system 6. Knowledge of MS Word, MS Excel, MS Access, MS PowerPoint, PDF Internet and E-mail. 7. Concept of computer virus and anti-virus. 8. Hardware & software, elements of computers processing system Hardware, CPU, peripherals, storage media, software definition, role and categories firmware and human-ware. 9. Role of information technology in governance & IT Acts & Regulations. 	<p>45 Marks</p>

(E)Topic Related to Professional Qualification

270 Marks

UNIT I – BASIC NUTRITION:- Balance diet, basic food groups. Carbohydrates, protein, lipids- functions, digestion, absorption, sources and effects of deficiencies and excess (signs and symptoms only). Importance of fibre in human nutrition. Vitamins and minerals: functions, sources, absorption, bioavailability, storage, excretion, and effects of deficiency and excess (signs and symptoms only). Nutrients interrelationships. Methods of assessing requirements of energy protein, fat, minerals and vitamins.

UNIT II - NUTRITION DURING LIFE CYCLE:- Growth and development, physiological changes, nutritional requirements and dietary guidelines through life span. Principles of meal planning for people of different age groups, sex, occupation and economic status.

UNIT III - CLINICAL NUTRITION AND DIETETICS:- Modification of normal diet for therapeutic purpose and special feeding methods for patient care. Signs and symptoms, dietary guidelines and principles of meal planning in diseases of gastrointestinal tract, cardiovascular system, kidney, liver and gall bladder, lactose intolerance, Celiac disease, cancer, burns, surgery, fevers, under nutrition, over nutrition and metabolic disorders. Sports nutrition, Dietary counseling, diet and drug interaction.

UNIT IV- COMMUNITY NUTRITION:- Nutritional epidemiology. Assessment of nutritional status- anthropometry, diet survey, biochemical and clinical methods, vital statistics, parameters, tools and techniques, standards, indices and interpretation of data to quantify malnutrition. Growth monitoring, its importance, use of growth charts for assessment of nutritional status of preschool children. Nutrition surveillance. Assessment of body composition and its importance. Food and nutrition security. Infant and young child feeding practices. Behavior Change communication.

UNIT V - PROBLEMS IN HUMAN NUTRITION:- Pathogenesis, Prevalence, Etiology. Preventive and therapeutic measures at community level of major nutrition problems of India: protein energy malnutrition, severe acute malnutrition management, Nutritional Anemia, Vitamin A deficiencies, iodine deficiency disorders, Vitamin D deficiency, osteoporosis and fluorosis. Pathogenesis, biochemical and clinical manifestations, preventive

measures of lathyrism, epidemic dropsy, aflatoxicosis, entero-ergotism, heavy metal contamination and pesticide residue. National food and nutrition policies and programmes to combat malnutrition. Role of national and international agencies. Nutrition in disaster situations.	
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18. संविदा बायो मेडिकल इंजिनियर/संविदा बायोमेडिकल इंजिनियर

(Contractual Bio Medical Engineer)/(Contractual Bio Medical Engineer):-

BIO MEDICAL ENGINEER	
Details	Total Marks:450
(A) GENERAL KNOWLEDGE & GENERAL SCIENCE AND CURRENT AFFAIRS <ol style="list-style-type: none"> 1. History of India. 2. Indian National Movement with important events in Rajasthan. 3. India & Rajasthan- Geography, Physical, Social & Economic. 4. India & Rajasthan- State & Governance, Constitution, Political System, Panchayati Raj System. 5. Biodiversity in environmental conditions, climate change. Human (Economic & Social Development) & social problem. 6. Current Events- India, Rajasthan & World. 7. General Science 10th standard. 	45 Marks
(B) GENERAL ENGLISH & HINDI <ol style="list-style-type: none"> 1. Tenses 2. Rearranging of jumbled sentences 3. Narration (Direct & Indirect) 4. Modals 5. Articles & Determines 6. Comprehension with blanks to be filled in with <ol style="list-style-type: none"> a. Phrases b. Pronouns 7. Homonyms/Homophones 8. Clauses 9. Synonyms and antonyms 10. Pairs of words and their use in meaningful sentences 11. Idioms and phrases 12. Uses of prepositions 13. Active and passive voice 	45 Marks

<p>सामान्य हिन्दी:-</p> <ol style="list-style-type: none"> 1. दिये गये शब्दों की संधि एवं शब्दों का संधिविच्छेद।- 2. उपसर्ग एवं प्रत्ययसंरचना तथा -इनके संयोग से शब्द-शब्दों से उपसर्ग एवं प्रत्यय को पृथक करना, इनकी पहचान। 3. समस्त (सामासिक) पद की रचना करना, समस्त (सामासिक) पद का विग्रह करना। 4. शब्द युग्मों का अर्थ भेद। 5. पर्यायवाची शब्द और विलोम शब्द । 6. शब्द शुद्धि दिये गये अशुद्ध शब्दों को शुद्ध लिखना। - 7. वाक्य शुद्धि वर्तनी संबंधी अशुद्धियों को छोड़कर वाक्य संबंधी अन्य व्याकरणीय अशुद्धियों का शुद्धीकरण। 8. वाक्यांश के लिये एक उपयुक्त शब्द। 9. पारिभाषिक शब्दावलीप्रशासन से सम्बन्धित अंग्रेजी- शब्दों के समकक्ष हिन्दी शब्द। 10. मुहावरे एवं लोकोक्ति 	
<p>(C) National Health Mission</p> <ol style="list-style-type: none"> 1. Knowledge of National Health Mission, its various programs like RCH, Communicable and Non-Communicable Disease Control Programs and their activities. 2. Ayushman Bharat and related health programs. 	45 Marks
<p>(D) KNOWLEDGE OF COMPUTERS</p> <ol style="list-style-type: none"> 1. Basic Applications of computer and its component. 2. Fundamentals of computer sciences. 3. Concept of open source technologies. 4. Input & Output Devices. 5. Operating system 6. Knowledge of MS Word, MS Excel, MS Access, MS PowerPoint, PDF Internet and E-mail. 7. Concept of computer virus and anti-virus. 8. Hardware & software, elements of computers processing system Hardware, CPU, peripherals, storage media, software 	45 Marks

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<p>definition, role and categories firmware and human-ware.</p> <p>9. Role of information technology in governance & IT Acts & Regulations.</p>	
<p>(E) TOPIC RELATED TO PROFESSIONAL QUALIFICATION:</p> <ol style="list-style-type: none"> 1. Engineering Mathematics 2. Introduction to Biomedical Engineering 3. Basic Electrical Engineering 4. Introduction to Programming 5. Basic Electronics Engineering 6. Universal Human Value (UHV) 7. Biomedical Engineering Workshop 8. Engineering Physics and Chemistry 9. Biomechanics 10. Electronic devices and circuits 11. Molecular and Cellular Biology 12. Circuit Theory and Network Analysis 13. Human Anatomy and Physiology 14. Signals and system design 15. Biomedical Instrumentations 16. Pathology and human diseases 17. Biomaterials 18. Digital System Design 19. Environmental Studies 20. Biomedical Imaging 21. Invasive and non-invasive medical Diagnostic Technique 22. Analog Electronics 23. Measurements and Instrumentations 24. Sensors & Transducers in Healthcare 25. Microcontrollers and embedded system 26. Medical Image Processing 27. Digital Signal Processing 28. Biological Control Systems 29. Biomics implants and Artificial Organs 30. Neuro science and Neuro technology <p>Note:- Topics in syllabus are indicative, candidates shall go through as per prescribed syllabus from governing council/statutory body.</p>	<p>270 Marks</p>

19. संविदा कार्यक्रम सहायक एवं कनिष्ठ कार्यक्रम सहायक :-

Contractual PROGRAM ASSISTANT/JUNIOR PROGRAM ASSISTANT

Details	Total Marks 500
PART-1	450 marks
(A) GENERAL KNOWLEDGE, CURRENT AFFAIRS REASONING SKILLS & MATHEMATICS 1. Current events of national and international importance 2. Political & physical divisions of India & Rajasthan 3. Indian culture, heritage and freedom struggle/ Movement. 4. Transport & Communication. 5. Demography-census, its feature and functions. 6. Important rivers & lakes in India & Rajasthan. 7. Weather, climate, crops, means of transport of India 8. Environment, ecology & Bio-diversity of Rajasthan. 9. Major development in the field of IT and Communication. 10. Reasoning skills & mathematics up to 10 th standard.	111 Marks
(B) GENERAL ENGLISH & HINDI 1. Tenses 2. Rearranging of jumbled sentences 3. Narration (Direct & Indirect) 4. Modals 5. Articles & Determines 6. Comprehension with blanks to be filled in with A. Phrases B. Pronouns 7. Homonyms/Homophones 8. Clauses 9. Synonyms and antonyms 10. Pairs of words and their use in meaningful sentences 11. Idioms and phrases 12. Uses of prepositions 13. Active and passive voice सामान्य हिन्दी:- 1. दिये गये शब्दों की संधि एवं शब्दों का संधिविच्छेद।- 2. उपसर्ग एवं प्रत्ययसंरचना तथा शब्दों से -इनके संयोग से शब्द- उपसर्ग एवं प्रत्यय को पृथक करना, इनकी पहचान।	108Marks

<ol style="list-style-type: none"> 3. समस्त (सामासिक) पद की रचना करना, समस्त (सामासिक) पद का विग्रह करना। 4. शब्द युग्मों का अर्थ भेद। 5. पर्यायवाची शब्द और विलोम शब्द । 6. शब्द शुद्धि दिये गये अशुद्ध शब्दों को शुद्ध लिखना। - 7. वाक्य शुद्धि वर्तनी संबंधी अशुद्धियों को छोड़कर वाक्य संबंधी अन्य व्याकरणीय अशुद्धियों का शुद्धीकरण। 8. वाक्यांश के लिये एक उपयुक्त शब्द। 9. पारिभाषिक शब्दावलीप्रशासन से सम्बन्धित अंग्रेजी शब्दों के - समकक्ष हिन्दी शब्द। 10. मुहावरे एवं लोकोक्ति 	
<p>(C) TOPICS RELATED TO PROFESSIONAL QUALIFICATION:</p> <p><i>(For Program Assistant/Junior Program Assistant: Topics to be covered upto O/A level computer course)</i></p> <ol style="list-style-type: none"> 1. Introduction to Computers and Safe Working Practices: Overview of Safe working Practices and Safety rules. Assemble of Desktop PC, Installing basic application software and Windows OS, booting process, Hardware and Software troubleshooting. Computer aptitude, history of computer & inventions, input & output devices, computer components, computer storage devices, computer languages, computer file extension, Microsoft windows etc. 2. Computer Components and Operating Systems: <ol style="list-style-type: none"> a. Components of a computer and their functions. b. Introduction to Windows OS and its main features. 3. DOS and Linux Operating System <ol style="list-style-type: none"> a. Command line interface (DOS and LINUX). b. Basic DOS commands and Linux features. c. Understanding DOS, Linux commands and file systems. 4. Word Processing Software <ol style="list-style-type: none"> a. Applications in MS Office. b. Creating, saving, formatting, and printing documents 	<p>231 Marks</p>

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using Word Processing Software.

- c. Working with objects, macros, mail merge, templates, and other tools in Word.
5. Data visualization or analysis using MS-Excel
 - a. Introduction to Excel features and data types.
 - b. MS Excel functions, cell referencing, and linking sheets
 - c. MS Excel revision, lookup functions, and cell naming
 - d. Custom formatting, protection, Macros, Charts, pivot tables, power queries and power BI
6. MS-Power Point Presentation
 - a. Create, modify, save, share and configure presentation.
 - b. Format presentation; manage tables and bulleted text, hyperlinks, Manage graphic elements.
 - c. Manage Audio & Video elements
 - d. Manage transitions, animations, slide show and manage collaboration
7. Data Base Management System
 - a. Database concepts, DBMS, RDBMS, primary key, foreign key and normalization rules
 - b. SQL Queries and Functions.
 - c. Using the DDL, DML and DCL statements
 - d. Transaction, ACID properties, and constraints.
 - e. Joining tables, sub queries, and various SQL functions.
8. Communicating in a Connected World
 - a. Understanding local networks and network devices.
 - b. Explaining the concept of network communication
 - c. Introduction to internet, web browsers, and search engines
9. Computer Network and Web Design
 - a. Computer Network Setup and configure a Computer Network and Web Page Design Concepts



<ul style="list-style-type: none"> b. Use the internet, setup internet access and communication. c. Static and dynamic web pages Creating web pages using HTML, CSS and open source CMS d. Introduction to JavaScript for web development, JavaScript and embed JavaScript in HTML pages. e. Create a dynamics website using an open source tool <p>10. E-Commerce, Cyber Security, and Cloud Computing</p> <ul style="list-style-type: none"> a. Browse e-Commerce sites to identify products and services, introduction operations, payment gateways and security issues. b. Cyber security overview, protect information, computer and network from Viruses, spywares and other malicious code, and compliance with IT Act c. Cloud computing benefits, working with cloud services, web hosting cloud application development life cycle. <p>11. Programming in Python and Java (Command Line)</p> <ul style="list-style-type: none"> a. Data Types, operators, control flow with decisions and loops, document and structure code. b. Perform operations using modules and tools. c. Object Oriented Programming with Java language flow control. d. Classes Overloading and inheritance Abstract Classes and interfaces in Java. e. Troubleshooting Java Issues. 	
<p>PART-2 - Typing Test:</p> <ul style="list-style-type: none"> • Typing speed of 35 Words Per Minutes in English and Hindi is essential. • Candidate, who will obtain minimum 40% marks in part-1 written examination, will only be qualifying for typing test. SC/ST will be relaxation 5% . 	<p>50 Marks</p>

20. संविदा महिला स्वास्थ्य कार्यकर्ता :-

Contractual FEMALE HEALTH WORKER

FEMALE HEALTH WORKER	
Details	Total Marks:450
<p>(A) GENERAL KNOWLEDGE & GENERAL SCIENCE AND CURRENT AFFAIRS</p> <ol style="list-style-type: none">1. History of India.2. Indian National Movement with important events in Rajasthan.3. India & Rajasthan- Geography, Physical, Social & Economic.4. India & Rajasthan- State & Governance, Constitution, Political System, Panchayati Raj System.5. Biodiversity in environmental conditions, climate change. Human (Economic & Social Development) & social problem.6. Current Events- India, Rajasthan & World.7. General Science 10th standard.	45 Marks
<p>(B) GENERAL ENGLISH & HINDI</p> <ol style="list-style-type: none">1. Tenses2. Rearranging of jumbled sentences3. Narration (Direct & Indirect)4. Modals5. Articles & Determines6. Comprehension with blanks to be filled in with<ol style="list-style-type: none">a. Phrasesb. Pronouns7. Homonyms/Homophones8. Clauses9. Synonyms and antonyms10. Pairs of words and their use in meaningful sentences11. Idioms and phrases12. Uses of prepositions13. Active and passive voice <p>सामान्य हिन्दी:-</p> <ol style="list-style-type: none">1. दिये गये शब्दों की संधि एवं शब्दों का संधिविच्छेद।-2. उपसर्ग एवं प्रत्ययसंरचना तथा शब्दों से -इनके संयोग से शब्द-	45 Marks

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<p>प्रत्यय को पृथक करना उपसर्ग एवं, इनकी पहचान।</p> <ol style="list-style-type: none"> 3. समस्त पद की रचना करना (सामासिक), समस्त पद (सामासिक) का विग्रह करना। 4. शब्द युग्मों का अर्थ भेद। 5. पर्यायवाची शब्द और विलोम शब्द । 6. शब्द शुद्धि दिये गये अशुद्ध शब्दों को शुद्ध लिखना। - 7. वाक्य शुद्धि वर्तनी संबंधी अशुद्धियों को छोड़कर वाक्य संबंधी अन्य व्याकरणीय अशुद्धियों का शुद्धीकरण। 8. वाक्यांश के लिये एक उपयुक्त शब्द। 9. पारिभाषिक शब्दावली प्रशासन से-सम्बन्धित अंग्रेजी शब्दों के समकक्ष हिन्दी शब्द। 10. मुहावरे एवं लोकोक्ति 	
<p>(C) National Health Mission & Introduction to RMNCH+A</p> <ol style="list-style-type: none"> 1. Knowledge of National Health Mission, its various programs like RCH, Communicable and Non-Communicable Disease Control Programs and their activities. 2. Ayushman Bharat and related health programs. 3. Introduction to the RMNCH+A services-historical context, evolution, coverage and innovations. 4. Various components of service delivery under RMNCH-A including Gol programs. 5. Maternal, new-born and child health (MNCH) services in the country. 6. Adolescent health. 7. Role of gender in public health programs. 8. Evolution of RCH services in the country-Millennium Development Goals (MDGs) and Sustainable Development Goals (SDG). 9. Innovation in service delivery 10. Framework for evaluation of services 	45 Marks
<p>(D) KNOWLEDGE OF COMPUTERS</p> <ol style="list-style-type: none"> 1. Basic Applications of computer and its component. 	45 Marks

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<ol style="list-style-type: none"> 2. Fundamentals of computer sciences. 3. Concept of open source technologies. 4. Input & Output Devices. 5. Operating system 6. Knowledge of MS Word, MS Excel, MS Access, MS PowerPoint, PDF Internet and E-mail. 7. Concept of computer virus and anti-virus. 8. Hardware & software, elements of computers processing system Hardware, CPU, peripherals, storage media, software definition, role and categories firmware and human-ware. 9. Role of information technology in governance & IT Acts & Regulations. 	
<p>(E) TOPIC RELATED TO PROFESSIONAL QUALIFICATION:</p> <ol style="list-style-type: none"> 1. Concept of health, community health practices, health problems and policies, health organization, health agencies, referral system, health team, rural and urban community, community need assessment, communication method and media, counseling and community based rehabilitation. 2. Essential nutrition, nutritional problem, nutritional assessment and promotion of nutrition. 3. Structure and functions of human body system, digestive system, respiratory system, genitourinary system, cardiovascular system, nervous system, muscular system, endocrine system and special sensory organs, hygiene of the body and optimal functioning of the body. 4. Environmental Sanitation, sources of safe water, methods of water purification, disinfections of well, tube well, tank and pond in a village and water borne diseases and prevention, disposal of excreta and waste. 5. Concept of mental health, defense mechanisms, maladjustment, mental illness ageing process, needs and problems of elderly. 6. Concept of disease, infection immunity and body defense mechanism immunization, Collection of specimen, disinfection and sterilization and waste disposal. 7. Common Communicable diseases, Epidemiological concepts- Incidence and prevalence, mortality and morbidity, level of prevention, control & prevention of communicable diseases and Epidemic management. 	<p>270 Marks</p>

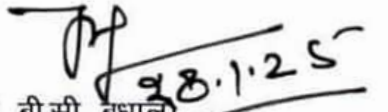


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| <ol style="list-style-type: none">8. Health assessment, identification of health problems, management of the sick with body system disorder and diseases, and care of handicaps.9. Different systems of Medicine: Allopathic & AYUSH, classification of drugs, Administration of drugs, standing order, drugs used in minor ailments, and common emergency drugs.10. Minor injuries & ailments, Need for first aid, fractures and life threatening conditions such as Bleeding, drowning, strangulation etc.11. Growth & development in infants and children, care in infants & children, accidents causes, precautions and preventions, congenital anomalies & health problems, Children's rights, care of the sick child, school children and adolescents.12. Human Reproductive system, Menstrual Cycle, Process of Conception, Types of pelvis, foetal Skull, Growth and development of foetus, structure & function of placenta, Normal & Abnormal pregnancies, Physiological changes during pregnancy, minor ailments during pregnancy and their management, Antenatal care, normal labour, care during normal labour, normal puerperium, care of Newborn, High risk new born, High risk pregnancies, abortion, abnormal child birth, abnormal puerperium, surgical intervention in the mother during Labour, Medications used in midwifery, RTI's & STI's, Infertility and family welfare.13. Organization & functions of sub centre, maintenance of supplies, drugs, equipment, store, indenting etc. Management information and evaluation Systems (MIES), Implementation of national Health Programme and continuing Education. | |
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बोर्ड द्वारा आयोजित की जाने वाली सभी वस्तुनिष्ठ परीक्षाओं में किसी प्रश्न का उत्तर नहीं दिये जाने के संबंध में अभ्यर्थी से पुष्टि करवाये जाने हेतु ओ.एम.आर. उत्तरपत्रक में पाँचवा विकल्प के संबंध में निम्नलिखित विशेष निर्देश लागू किये गये हैं :-

1. प्रत्येक प्रश्न के 05 विकल्प **A, B, C, D, E.** अंकित रहेंगे। उनमें से अभ्यर्थी को केवल एक विकल्प को नीले बॉल पेन से गहरा गोल उत्तरपुस्तिका में सही उत्तर दर्शाने हेतु करना होगा।
Each question has five options marked as A, B, C, D, E. You have to darken only one circle (bubble) indicating the correct answer on the Answer Sheet using BLUE BALL POINT PEN.
2. प्रत्येक प्रश्न के लिये विकल्पों में से केवल एक विकल्प को भरना आवश्यक होगा।
It is mandatory to fill only one of the options for each question.
3. यदि अभ्यर्थी द्वारा किसी प्रश्न को हल नहीं किया है तो उसके लिये पाँचवा विकल्प **E** को गोला गहरा करना होगा। यदि पाँचों विकल्पों में से किसी को भी गहरा नहीं किया जाता है तो ऐसे 10 प्रतिशत प्रश्नों तक प्रत्येक प्रश्न के 1/3 अंक घटाये जावेंगे।
If you are not attempting a question then you have to darken the circle 'E'. If none of the five circles is darkened, one third (1/3) part of the marks of question shall be deducted.
4. प्रश्न पत्र हल करने के बाद अभ्यर्थी को यह सुनिश्चित करना होगा कि उसने प्रत्येक प्रश्न का एक गोला गहरा भर दिया है। इस हेतु निर्धारित समय के बाद अभ्यर्थी को 10 मिनट अतिरिक्त समय दिया जावेगा।
After solving question paper, candidate must ascertain that he/she has darkened one of the circles (bubbles) for each of the question. Extra time of 10 minutes beyond scheduled time, is provided for this.
5. जिस अभ्यर्थी द्वारा 10 प्रतिशत से अधिक प्रश्नों को किन्हीं पाँच गोलों में से गहरा नहीं भरने पर उसे अयोग्य किया जावेगा।
A candidate who has not darkened any of the five circles in more than 10% question shall be disqualified.

22. बोर्ड की वेबसाईट:- अभ्यर्थी बोर्ड की वेबसाईट <http://rssb.rajasthan.gov.in> पर उपलब्ध सूचना से भी जानकारी प्राप्त कर सकते हैं। इसके अतिरिक्त किसी भी प्रकार के मार्ग निर्देशन/सूचना/स्पष्टीकरण राजस्थान कर्मचारी चयन बोर्ड, जयपुर के परिसर में स्थित स्वागत कक्ष पर व्यक्तिगत रूप से अथवा दूरभाष नम्बर 0141-2722520 पर सम्पर्क किया जा सकता है। समस्त पत्र व्यवहार सचिव, राजस्थान कर्मचारी चयन बोर्ड, राज्य कृषि प्रबंध संस्थान परिसर दुर्गापुरा, जयपुर-302018 को सम्बोधित किया जायेगा।


(डॉ. बी.सी. बघाले)
सचिव