

**KING GEORGE'S MEDICAL UNIVERSITY,
LUCKNOW, U.P. (INDIA)-226003**



RECRUITMENT- DETAILED ADVERTISEMENT

**GUIDELINES/ PROCEDURE FOR DIRECT RECRUITMENT ON THE POST OF
NURSING OFFICER**

Address for Correspondence:

**Office of the Registrar,
King George's Medical University, U. P.,
Chowk, Lucknow-226003**

In case of any query, please Contact:

Recruitment Cell

E-mail ID: job@kgmcindia.edu

Mob. No.: 9415007712 (Time for calling 10.00am to 5.00pm on working days)

For any Website Related or Technical Support:

Mob. No.: 8528756259 (Time for WhatsApp/Calling 10.00am to 5.00pm on working days)



Last date of Fee Submission: May 07, 2025

Last Date of Form Submission: May 14, 2025

Special Note:

1. **Mode of application is only online on KGMU website.** www.kgmuh.edu.in. The application sent through any other means will not be accepted.
2. No hard copies of applications or documents are required to be sent by post, but candidates should retain a printed copy of their application form for reference.
3. Candidates must fulfill all essential eligibility criteria, including educational qualifications and age limits, as per the appended guidelines.
4. On-line Registration and submission process schedule will be published on the website. Examination will be conducted according to the published schedule.
5. Candidates are advised to visit Institute's website for the detailed schedule of the Examination.

For recruitment to all the vacant posts, the candidate must hold necessary qualifications and experience by the last date of receipt for the application form that is **May 14, 2025**, as per guidelines appended. Details of vacant positions, category, with educational and other professional qualifications are given in the Table below: -

Table

| Backlog Recruitment | | | | | |
|---------------------|---------------------------------------------------------------|------------------|----|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Advt. No | Name of Posts With level as per the 7 th CPC | Category wise | | Total Number of vacant posts | Essential Eligibility Criteria |
| 01./R-2025 | Nursing Officer <u>Level-7</u> | OBC | 4 | 107 | Qualification:- 1. (i) B.Sc.(Hons.)Nursing/B.Sc. Nursing from an Indian Nursing Council recognized Institute or University OR B.Sc.(Post certificate) / Post Basic B.Sc. Nursing from an Indian Nursing Council recognized Institute or University. (ii) Registered as Nurses & Midwife in State/Indian Nursing Council.* OR 2. (i) Diploma in General Nursing Midwifery from an Indian Nursing Council recognized Institute/. University (ii) Registered as Nurses & Midwife in State/Indian Nursing Council.* (iii)Two years' experience in a minimum 50 bedded Hospital after acquiring the educational qualification mentioned at 2(i) above. |
| | | SC | 78 | | |
| | | ST | 25 | | |
| | | Total | | 107 | |

* Please Note that Candidate will have to produce Uttar Pradesh/Indian Nursing Council Registration at the time of document Verification.

| General Recruitment | | | | |
|---------------------|---------------------------------------------------------|---------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Advt. No | Name of Posts With level as per the 7 th CPC | Category wise | | Essential Eligibility Criteria |
| 92/R-2025 | Nursing Officer Level-7 | OBC | 164 | Qualification:- 1. (i) B.Sc.(Hons.)Nursing/B.Sc. Nursing from an Indian Nursing Council recognized Institute or University OR B.Sc.(Post certificate) / Post Basic B.Sc. Nursing from an Indian Nursing Council recognized Institute or University. (ii) Registered as Nurses & Midwife in State/Indian Nursing Council.* OR 2. (i) Diploma in General Nursing Midwifery from an Indian Nursing Council recognized Institute/ University. (ii) Registered as Nurses & Midwife in State/Indian Nursing Council.* (iii) Two years' experience in a minimum 50 bedded Hospital after acquiring the educational qualification mentioned at 2(i) above. |
| | | SC | 126 | |
| | | ST | 12 | |
| | | UR | 264 | |
| | | EWS | 60 | |
| | | Total | 626 | |

* Please Note that Candidate will have to produce Uttar Pradesh/Indian Nursing Council Registration at the time of document Verification.

Note-

1. Numbers of posts/positions may increase/decrease as per the decision of the appointing authority.
2. Horizontal Reservation shall be applicable as per rules.

• **Application Fee**

The application fee is not refundable in any circumstances and the amount is as follows:

| Category | Application Fee | GST @ 18% | Total |
|------------|-----------------|-----------|---------|
| UR/OBC/EWS | Rs 2000/- | Rs 360/- | Rs 2360 |
| SC/ST | Rs 1200/- | Rs 216/- | Rs 1416 |

Candidates belonging to a horizontal category must pay the application fee according to their original category.

Though a single examination will be conducted for both Backlog and General Recruitment, candidates interested in applying for both will have to submit separate application form and fee for each advertisement.

• **Reservation**

Reservation policy of the Uttar Pradesh State Government shall be applicable. Reservations for Scheduled Tribes (ST), Scheduled Castes (SC), Other Backward Castes (OBC), Economically Weaker Sections (EWS), and horizontal categories will be provided only to candidate's who are domicile of Uttar Pradesh. Candidates from reserved categories who are domicile of states other than Uttar Pradesh will be treated as Unreserved (UR) and must pay the application fee applicable to UR candidates.

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The change in reservation policy shall be applicable, as enforced by the Government of Uttar Pradesh through policy directions / Ordinances / Orders from time to time.

EWS Certificates issued by the Uttar Pradesh Government, valid for the year 2025-2026 and based on income from the financial year 2024-2025, will be accepted. Only Domicile and Reservation Certificates issued by the Uttar Pradesh Government will be considered. These certificates must be valid and verifiable through the Uttar Pradesh Government Portal. For female candidates, the valid caste certificate issued from the father's side will be considered valid.

- **Horizontal Reservation:** The Uttar Pradesh Public Services (Reservation for Physically Handicapped, Dependents of Freedom Fighters, and Ex-Servicemen) Act 1993, dated 29.12.1993, along with the Amendment Act 2018, dated 01.09.2018, and the Amendment Act 2021, vide Notification No. 450 (2/LXXIX-V-1-21-1-ka-12-21, Lucknow, dated 10.03.2021, shall apply to horizontal reservations.
- Horizontal Reservation will be applicable as per rules

| | |
|-----------------------------------------|------------------------------------------------------|
| Divyang (Person with Disability - PwD): | 4% (ओ०एल०, उपचरित कुष्ठ, बौनापन, अम्ल आक्रमण पीड़ित) |
| Ex-Serviceman: | 5% |
| Dependents of Freedom Fighters (DFF): | 2% |
| Female Gender: | 20% |

Eligibility

- For recruitment, the candidate must hold necessary educational qualifications and experience by the last date of submission for the application form.
- Candidates are solely responsible for determining their eligibility for the post before applying.
- All candidates who successfully complete the application process will be provisionally allowed to appear in the examination; however, mere appearance in the examination does not confer any right to selection.
- All applications with application fee shall be accepted provisionally and all candidates will be allowed to appear provisionally in the Common Recruitment Test. If any candidate is found not fulfilling the prescribed age, qualification, experience and any other eligibility criteria as per the advertisement, at any stage of the recruitment process, even if the candidate figures in the merit list of the Common Recruitment Test, his/her candidature will be treated as cancelled without any further notice and the post will be forfeited. Candidature will be cancelled at any stage if any information or claim is not substantiated on scrutiny of the documents by the Institute.
- Additionally, candidature may be cancelled at any stage, including after selection, if any information or claim is not substantiated during document verification by the Institute.

Age Limit / Relaxation

The cutoff date for age calculation for all the posts is **1st January 2025**. On this date, candidates must be at least 18 years old and must not exceed 40 years of age.

- SC/ST & OBC Candidates: Age relaxation of up to 5 years is applicable as per the relevant guidelines and Government Orders (GOs) of the Government of Uttar Pradesh.
- Divyang/Disabled Candidates: Age relaxation of up to 15 years is applicable in accordance with the guidelines and relevant GOs of the Government of Uttar Pradesh (Ref. GO.NO. 18/1/2008-Ka/2/2008 Karmik-Anubhag 2, dated 03.02.2008).
- Scribe/Writer for Divyang Candidates: Divyang candidates requiring a scribe/writer for the examination will follow the applicable government rules, as per G.O. 7/2019/3/4/86-ka-2/2019, dated 04 December 2019. If candidate requires, Scribe will be arranged by KGMU, Candidate will have to select requirement of scribe/writer at the time of filling application form.
- Permanent Government Employees: Employees who have rendered at least 3 years of regular and continuous service in the relevant field are eligible for up to 5 years of age relaxation, as per the guidelines and relevant GOs. Govt. of UP, Karmik Anubhag -4 2-E.M./2001-Ka-4 2013 dated 27.08.2013
- Ex-servicemen: Age relaxation for ex-servicemen will be provided according to Uttar Pradesh Government rules, U.P. Govt Niyukti (kha) deptt. no. 5/1/66-niyukti (kha) dated 16.3.1970; shall be allowed to deduct the period of his service in the armed forces from his actual age and if the resultant age does not exceed the maximum age limit prescribed for the post/ service for which he seeks appointment by more than 03 years, he shall be deemed to satisfy the condition regarding the upper age limit. However, he should have rendered satisfactory approved military service in any wing of the army, navy, or air forces and he should be otherwise eligible for the post.

• Application Process

Candidates must be prepared with the following documents:

- a. Recent scanned coloured photograph in JPG/JPEG format (maximum file size: 80 KB).
- b. Scanned signature (maximum file size: 80 KB).
- c. A valid Email ID.
- d. Aadhaar Number.
- e. Mobile Number.
- f. Scanned images of mark sheets and certificates for 10th, 12th, Diploma, Graduation etc. (as applicable).
- g. Scanned images of Caste/Category/Sub-Category certificates, Domicile certificate, and Experience certificate (if applicable). Applicants in regular employment must submit a "NO OBJECTION CERTIFICATE" from employers.

A valid Email ID, Aadhaar Number, and Mobile Number are mandatory for submitting the online application. The registered Email ID and Mobile Number must remain active throughout the recruitment process, as King George's Medical University, Lucknow will send important updates to these contacts. Applications submitted without the required application fee, documents, or information as per the notification will be liable for rejection.

Steps for Online Application:

1. **Online Application:** Applications can only be submitted online at the website: www.kgmu.org/job.php.
2. **Registration:** Click on "Registration for New Users" to begin the registration process by providing your Name, Post Applied For, Date of Birth, Email ID, and Mobile Number.
3. **Receive Credentials:** After successful registration, you will receive a password via SMS on your registered mobile number and a user ID via email.
4. **Sign In:** Log in to fill out the application form by clicking on "Sign In for Existing Users" and entering your user ID and password.
5. **Complete Application:** Fill in the required details and submit the application form. After payment of the application fee, you will be able to view your complete application, including your photo, a confirmation message, and an Application Sequence Number for future reference.
6. It is mandatory for the candidate to tick the requested post while registering; otherwise his/her application will not be accepted.
7. **Payment:** Pay the requisite application fee online only. To avoid potential network issues, please complete your payment well before the final deadline for fee submission. KGMU will not be responsible for any network outages. **Payment will be ONLINE MODE only.**

Last date of Fee Submission: May 07, 2025

Last Date of Form Submission: May 14, 2025

8. **Final Submission:** Once the form is submitted and the application fee is paid, candidates will not be able to edit or delete any information. However, candidates can edit and preview the application form before clicking the submit button. Please keep your Application Sequence Number and Password safe, as you will need them to log in and download your hall ticket/admit card, results, schedule, and for other exam-related activities.

No document including printed/ hard copy of online application forms are required to be sent by post. However, applicants are advised to keep one printed / hard copy of their application forms.

9. Test and city center will be allocated by KGMU, Lucknow.
10. **Application received without appropriate Application Fee, required documents & information as per entrance notification are liable to be rejected.**

Hence, Candidates are requested to fill in the online application form with utmost care as no correspondence regarding change of details will be entertained at later stage.

• Admit Card

No admit cards will be mailed to candidates. Admit card will be available for download on the KGMU website. Candidates must print their admit cards and bring them to the examination center. Entry to the examination center will not be permitted without a valid admit card.

• Common Recruitment Test (CRT)

The CRT will have a duration of 2 hours and will be of 100 marks, featuring multiple-choice questions (MCQs). The examination will be conducted in English and Hindi. Examination will be either computer-based or pen-and-paper format and will be communicated later.

The distribution of marks is as follows:

- 60 marks on subject(s) corresponding to the required qualification level
- 10 marks for General English
- 10 marks for General Knowledge
- 10 marks for Reasoning
- 10 marks for Mathematical Aptitude

There will be negative marking. Each correct answer will earn 1 mark, while 1/3 mark will be deducted for each incorrect answer.

Minimum qualifying marks for the CRT are:

- **50% for General, EWS, and OBC candidates**
- **45% for SC and ST candidates**

No TA / DA shall be admissible for appearing in CRT. All Disputes or litigations shall be subject to the jurisdiction of Lucknow Court only. Vice-chancellor KGMU, Lucknow reserves the right to fill any or all advertised posts or not to fill the same without assigning any reason. In case of examination for any post held in multiple shifts, then Normalization formula shall be applicable (**Annexure-1**).

Syllabus: The syllabus is available on KGMU website.

Note:

1. Canvassing in any form will be a disqualification.
 2. Higher qualification will not be considered a disqualification for any post.
 3. Working experience in Government/semi-government organizations wherever applicable will include experience either on regular post or outsourced/contractual, with accompanying evidence based certificate. Applicant may be asked to submit an affidavit, if needed, that experience mentioned in the certificate is true and KGMU may verify the facts from the concerned Institution/ Party.
 4. Experience acquired **after** obtaining the essential qualification will only be considered valid.
- **Resolution of Tie:** In the event of a tie between candidates, the following tie-breaking rules will be applied:
 1. **Total Marks in the Core Section:** Candidates will be ranked based on their total marks in the core section of the examination, with higher scores placing candidates higher on the merit list. The core section will consist of 60% of the questions pertaining to the core subject syllabus, as defined by the Examination Section of KGMU for each exam.
 2. **Number of Incorrect Answers:** If the tie persists, candidates with fewer incorrect answers or negative marks will be ranked higher on the merit list.
 3. **Date of Birth:** If a tie still exists, the older candidate will be placed higher on the merit list.
 - **Selection Process:** The selection will be done based on the marks obtained in the Common Recruitment Test (CRT). There will be no interview as per "The Uttar Pradesh Direct Recruitment to Junior Level Posts (Discontinuation of Interview) Rules 2017" (No 4/2017/1/1/2017-Ka-2), dated 31 August 2017.
 - **Final Merit List:** The final merit list will be prepared based on the marks obtained in the CRT only for all categories (i.e. GENERAL, OBC, SC, ST, EWS, etc) separately and rank will be awarded to all qualified applicants. While preparing the merit list for the General (Unreserved) category, all applicants (including those from the reserved categories) will be taken into consideration, but while preparing the merit list for a reserved category, only applicants of that category will be taken into consideration. The same method will be applicable in all reserved categories.
 - **Results:** Examination marks will be displayed on the website.
 - **Verification of Documents**

Candidates will be invited for the physical verification of original documents at KGMU according to their merit list and category, following the declaration of examination marks. The schedule and dates for

this process will be posted on the website. Please note that mere verification of documents does not guarantee an appointment.

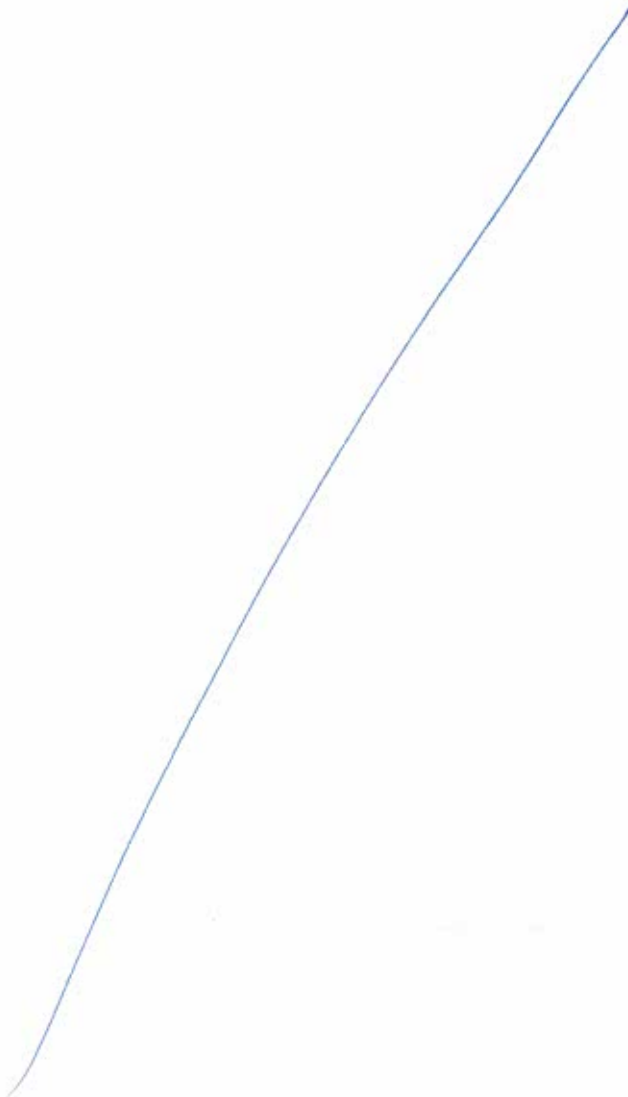
- **Appointment Letters**

Appointment letters will only be issued to successful candidates based on the merit list and category, provided their documents have been verified.

- **Biometric Verification**

Biometric verification of candidates will be conducted at various stages, including during the examination, document verification, and after joining KGMU. Any instance of impersonation will be addressed rigorously in accordance with the law, resulting in the cancellation of candidature and potential legal action.

Registrar



Score Normalization

About Normalization

Normalization means adjusting values measured on different scales to a notionally common scale.

Need for Normalization in Examination:-

Exam pertaining for a particular post/course could be spread across multiple shifts which will have different question paper for each shift. The normalization is to be done by considering the difficulty level of each set, since the questions may be different in different sets and the difficulty level of a particular set may be different from other sets.

Hence the normalization of scores need to be carried out for all the candidates who had written the exam, across shifts for the same post/course.

Normalization Method:

The following has to be calculated for every shift for all the candidates who have written the exam for the same post:

- a. Average score for each Shift X_{av} = total marks scored by candidates in a shift divided by no. of candidates in the shift.
- b. Standard Deviation of score for each Shift. Standard Deviation is a measure that is used to quantify the amount of variation of a set of data values:

N = Number of candidates

X = Raw score of candidates

L = Total Raw score for all candidates in a shift

X_{av} = Average which is total marks divided by no. of candidates.

x = Raw Score of candidate – Simple Average ($X - X_{av}$)

Standard Deviation (S) = $(\sum x^2)/N$

Normalization Formula

Normalized Score for each candidate (X_n) = $X_n = (S_2/S_1) * (X - X_{av}) + Y_{av}$

| | |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S_2 | Is the SD of the shift with the Highest Average Score taken as Base for normalization (Criteria for choosing the base for normalization is generally taken as the shift with 'Highest Average' of raw scores) |
| S_1 | Standard Deviation for the corresponding shift (to be scaled to S_2) |
| X | Raw score of a candidate |
| X_{av} | Simple average of the shift |
| Y_{av} | Average corresponding to shift with highest Average (taken as Base for normalization) |

King George's Medical University, Lucknow U.P.
(India)-226003
Syllabus for Post of Nursing Officer

Notice No. 21....Recruitment Cell/2025 Dated 01./04./2025

A) Core Subject:

• **Basic Sciences**

1. Anatomical and Biochemical structures to explain the physiological functions of human body and factors. Which may disturb these and mechanism of such disturbances.
2. Various groups of micro-organisms of clinical importance.
3. Disinfection and Sterilization for the prevention of diseases in the Hospital and Community.
4. Collect and handle specimens of various diagnostic tests.
5. Enumerate weights and measures and demonstrate skill in calculation of dosage and preparation of solutions.
6. Read and Interpret prescriptions and care for drugs according to the regulations.
7. Describe various groups of Drugs acting on different systems of the body.
8. Recognize the toxic symptoms related to common drugs and poisons.

• **Nutrition & Dietetics**

1. Various Nutrients and their importance in the maintenance of health.
2. Plan diets suitable to socio economic status for different age groups and physiological conditions.
3. Nutritional deficiencies and their prevention and management.
4. Plan therapeutic diets for various disease conditions.

• **Psychology, Mental Health & Psychiatric Nursing**

1. Normal and deviations in behavior among various age groups and their cause.
2. Explain the principles of psychology and its application in health and diseases.
3. Interpret behavior of self and others.
4. Recognize deviations from normal behavior and provide guidance and counseling.
5. Dynamics of patient's behavior and its application in providing nursing care.
6. Communication and maintain interpersonal relations.
7. Therapies utilized in psychiatry and the various roles of nurses in psychiatric nursing.

• **Fundamental Nursing**

1. Describe Nursing as a profession, its scope, etiquettes & ethics.
2. First aid Treatments.
3. Congenial and Safe Environment to the patient.
4. Carry out basic nursing procedures for the care of the patients with an understanding of the scientific principles involved.
5. Make observations and records
6. Administer prescribed medications and carry out treatments.
7. Maintain records of patients and nursing care.

• **Community Health Nursing**

1. Personal, environmental, Social and cultural factors contributing to health of individual,





family and community.

2. Methods of control of spread of diseases.
3. Needs for health education and evaluate the effect of the same to patients, families and community.
4. Prepare and use appropriate audio-visual aids for imparting health education.
5. Symptoms of social disorganization and social pathology.
6. Demonstrate skills in medico-social work.
7. Principles of health care to mothers and children and the services available for them in urban and rural communities.
8. Deviations from normal amongst mother and children and take necessary action in clinics, health centers and homes.
9. Educate the community about need and methods of Family Planning.
10. Demonstrate skill in community diagnosis and in delivery of community nursing services in accordance with the national health care system.

- **Medical & Surgical Nursing**

1. Causes, pathophysiology, symptoms, treatment and prophylactic measures in common medical and surgical conditions affecting various systems of the body.
2. Provide patient centered nursing care in patients with common medical and surgical conditions affecting various systems of the body.
3. Prepare operation theatre for surgery and assist in operative procedure.
4. Identify common equipment used in operation theatre.
5. Explain the anesthesia used, with their effects and dangers, and care for an anesthetized patient until such time as he recovers from the effect of anesthesia.
6. Recognize and provide first aid in case of common emergencies using the resuscitation equipment including intubation.
7. Care of critically ill patients who required support for maintaining vital functions.
8. Provide first aid in case of disaster, emergency and accidents and demonstrate skill in transporting the casualties.
9. Organize casualty emergency services.
10. Explain Infectious diseases, their transmission and barrier nursing in hospital and community.

- **Pediatric Nursing**

1. Describe Growth and development, nutritional and psychological needs of children at different age group.
2. Explain basic principles involved in pediatric nursing.
3. Provide nursing management to neonates and children with medical and surgical disorders.
4. Recognize emergencies in neonates and children and take appropriate first aid measures. Manage normal newborn and low birth weight baby.
5. Describe various aspects of preventive pediatric nursing and be able to practice them while nursing care in a hospital or community.

- **Obstetrical Nursing**

1. Anatomy & Physiology of pregnancy, child birth and puerperium.
2. Antenatal care to mothers.
3. Episiotomy and suture a first and second-degree tear.





4. Domiciliary services to mothers and children.
5. Management of common obstetrical emergencies needing immediate treatment.
6. Family welfare advice.

• **Principles of Administration and Supervision, Education and Trends in Nursing**

1. Principles of administration and its application to health administration at different levels.
2. Organizational pattern for nursing components of hospital and public health service.
3. Effective human relations to improve efficiency of the staff.
4. Principles of supervision and develop skill in supervisory techniques.
5. Trends in Nursing and nursing education in India and Abroad.
6. Nursing as a profession and the rights, responsibilities and adjustment in professional life.
7. Methods of teaching applicable to nursing.

B] General English: Candidates ability to understand correct English, his basic comprehension and writing ability would be tested, Questions in thisa computer will be designed to test the candidates understanding and knowledge of English language and will be based on spot the error, fill in the blanks, synonyms, antonyms, spelling/detecting mis-spelt words, idioms and phrases. One word substitution, improvement of sentences, active/passive voice of verbs, conversion into direct/indirect narration, shuffling of sentence parts, shuffling of sentences in a passage, comprehension passage and any other English Language questions at the Level of Matriculation /Higher Secondary

(Syllabus is only Indicative. The questions can assess any aspect of knowledge, aptitude, attitude and practical skills, which is expected from a trained person to work efficiently at the advertised post)

C] General Knowledge: Questions in this component will be aimed at testing the candidate's general awareness of the environment around him and its application to society. Questions will also be designed to test knowledge of current events and of such matters of everyday observations and experience in the scientific aspect as may be expected of any educated person. The test will also include questions relating to india and its neighboring countries especially pertaining history, culture geography, economic scene general policy & scientific research.

D] Reasoning: It would include questions of both verbal and nonverbal type. This component may include questions on analogies, similarities and differences, spatial orientation, problem solving, Analysis, judgment, decision making, discrimination, observation, relationship concepts, arithmetical reasoning and figural classification, arithmetic number series, non verbal series, coding and decoding, statement conclusion, etc the topics are, symbolic/ number analogy, figural analogy semantic classification, symbolic/Number Classification, Figural Classification, semantic series, number series, Figural series, problem solving, word building, coding & decoding, Numerical operations, symbolic operations Trends, space orientation, space Visualization, Venn diagrams, Drawing inferences, Punched hole/pattern-folding & unfolding. Figural pattern- Folding and completion, indexing. Address matching, Date & city matching, Classification of centre codes/roll numbers, small & capital letters/numbers coding, decoding and classification, Embedded Figures, Critical thing, Emotional Intelligence, Social Intelligence, Other subtopics, if any.

E] Mathematics Aptitude: The questions will be designed to test the ability of appropriate use of numbers and number sense of the candidate. The scope of the test will be computation of whole numbers, decimals, fractions and relationship between numbers percentage, Ration & Proportion, Square roots, Averages, Intrest, Profit & Loss, Discount, Partnership, Elementary Surds, Graphs of Linear Equation, Triangle and its various kinds of centres, Congruence and similarity of triangles,

Circle and its chords, tangents, angles subtended by chords of a circle common tangents to two or more circles, Triangle, Quadrilaterals, Regular polygons, Circle, Right Prism, Right circular cone, Right circular cylinder, Sphere, Hemispheres, Rectangular Parallelepiped, Regular right pyramid with triangular or square base, Trigonometric ratios, Degree and radian Measures, Standard Identities, Complementary Angles, Heights and Distances, Histogram, Frequency, polygon, Bar diagram & pie chart.

S. E. D.

