



JAMMU AND KASHMIR PUBLIC SERVICE COMMISSION
Resham Ghar Colony, Bakshi Nagar, Jammu

Notification No.: 01- PSC (DR-P) OF 2017
Dated: 27-03-2017

Applications through online mode are invited from the permanent residents of Jammu & Kashmir State possessing the prescribed academic/professional qualifications and age for the posts of **Medical Officer in Health & Medical Education Department** of the State as per the category-wise break-up tabulated below: -

IMPORTANT

- The Commission has developed an online Application Form for the Direct Recruitment posts. The Application Form together with instructions for filling up the Application Forms will be available at the website (<http://www.jkpsc.nic.in>) of the Commission from **01.04.2017**. **However before filling online application form candidates shall have to make an online registration first (One Time Registration).**
- Candidates are advised to go through the instructions and all the eligibility conditions prescribed for the post before filing the online Application Form.
- Last date for filing of online Application complete in all respects is **01.05.2017**.
- Last date for submission of **fee /bank challan** is **03.05.2017**.
- Date for determining the eligibility of all candidates in every respect shall be the prescribed closing date for submission of online recruitment application. The applicants are advised to fill in all their particulars in the online recruitment application carefully as submission of wrong information may lead to rejection of online application form.
- All applicants must fulfil the essential requirements of the post and other conditions stipulated in the advertisement in terms of eligibility. They are also advised to satisfy themselves before filing online application that they possess at least the essential qualifications prescribed for post(s). The Commission shall not entertain any enquiry regarding the eligibility.
- The prescribed essential qualifications are the minimum and the mere possession of the same does not entitle candidates to be called for interview.
- Candidates are **not required to submit** to the Commission either by post or by hand the printout of their online application or any other document.
- **Pay Scale** - The posts carry the pay scale of Rs.9300-34800 with Grade Pay of Rs.5400.
- **The syllabus for conduct of written test is attached as Annexure to this Notification.**

The breakup of these vacancies referred by the Administrative Department is given as under: -

Item No.	Name of the post	OM	RBA	SC	ST	ALC	SLC	Total
01	Medical Officer	213	74	29	37	11	07	371

3% Horizontal Reservation shall be provided to the Physically Handicapped Category candidates as provided under SRO 294 of 2005 dated: 21.10.2005 and as per Government Order No. 108-SW of 2013 dated: 01.04.2013.

- a) Date of commencement for submission of online applications = **01.04.2017**
 b) Last date for submission of online applications = **01.05.2017**
 c) Last date for submission of fee/bank challan = **03.05.2017**

1. Prescribed Qualification

MBBS or Possession of recognized Graduate Medical qualification included in the first or second schedule or part-II of the 3rd Scheduled (other than licentiate qualifications) to the Indian Medical Council Act, 1956. Holders of education qualification included in part-II of the 3rd Scheduled should fulfill the conditions stipulated in sub-section (3) of section (13) of the Indian Medical Council Act 1956.

2. Age as on 1st January 2017:

- Minimum: = 18 Years
 Maximum: = 40 Years
 Candidates in Govt. Service: = 40 Years
 Physically Challenged candidates: = 42 years
 Candidates belonging to RBA/SC/ST/ALC/SLC categories: = 43 years
 Ex-serviceman: = 48 years

Note: Over-aged candidates having exceptional qualification relevant to the concerned subject may also apply at their own risk and responsibility without prejudice to the right of the Commission to reject their Application Forms.

3. Scheme of Selection:

All applicants must fulfil the essential requirements of the post and other conditions stipulated in the advertisement. They are advised to satisfy themselves before applying that they possess the qualifications prescribed for the post. No enquiry for advice as to the eligibility will be entertained.

- (i) The prescribed qualifications are the minimum and mere possession of the same does not entitle candidates to be called for interview. Further, the summoning of candidates for interview shall convey no assurance, whatsoever, that they will be selected. Appointment order of the selected candidates will be issued by the Govt., in accordance with the availability of vacancies.
- (ii) A written test shall be conducted and the marks/points obtained by the participating candidates shall be apportioned proportionately against the marks earmarked for written test in the selection criteria. On the basis of merit obtained by the candidates in the written Examination an oral test will be conducted which may be restricted as under:-

i	For 1-5 post	Five times the number of posts
ii	For 6-10 posts	Four times the number of posts subject to a minimum of 25.
iii	For exceeding 10 posts	Three times subject to a minimum of 40.

Thereafter, merit list will be prepared on the basis of merit obtained in the written and oral test in conformity with the criteria laid down under Rule 51 of J&K Public Service Commission (Business & Procedure) Rules, 1980.

Provided further that the candidate(s) who have secured marks equal to those secured by the last candidate, shall also be called for the Interview over and above the number of candidates short listed for oral test.

4. Examination Fee:

After successful submission of the form online, a challan will be generated indicating the basic details of the candidate which inter-alia shall indicate the amount of fee to be deposited in the J&K Bank branch as given below:-

General Category	=	Rs.805.00
Reserved Categories	=	Rs.405.00

The total amount of fee payable shall include Rs.05/- as service charges of the J&K Bank.

5. Centre of Examination:

- i. The Examination will be held at different centres located in Srinagar and Jammu cities.
- ii. The allotment of centres shall be at the sole discretion of the Commission and once a centre is allotted to a candidate, request for change of centre will neither be entertained nor will the Commission respond to request for change of centre.

6. The necessary instructions regarding filling up of online application are given herein below:-

- i. After successful Registration, candidates are required to Login and fill all the required details like personal/contact/Educational details.
- ii. The candidate shall also be required to upload the images of recent photograph and signature. Photograph image must mention the date in which it is taken.
✓ **Size of the photograph (passport size) and signature must be between 10kB to 20kB in *.jpeg or *.jpg only.**
- iii. After completion of the above said fields, candidates shall click "**Show Jobs**" menu on the same window. A popup window will appear and the candidates will click on the **APPLY** button against the post he/she is eligible.
- iv. On clicking "**APPLY**" button, an instruction window will appear. Candidates should read instructions carefully before clicking on "**APPLY**" button at the bottom of the webpage.
- v. By clicking on "**SUBMIT**" button at bottom of the page, it will display all facts/particulars that a candidate may have mentioned while filling up the necessary fields.
- vi. Once the candidate is satisfied about the filled in details, then, he or she may click on "**SUBMIT**" button to finally push the data into server with successful submission report, which he or she can print. In case, a candidate feels that the fields/data filled are/is wrong then he or she will be required to edit the details by pressing the **EDIT** button, until he or she is satisfied about the correctness of the information required to be filled in the desired fields.
- vii. Application once submitted cannot be edited.
- viii. On successful submission of the online application, a window will open **with a link to print e-challan and application form.**
- ix. Candidates can also check the filled in form under "**Submitted Applications**" menu while login in their account and pay the fee through Challan/Online mode or at CSC centre as per their convenience.
- x. After successful payment of fee through online mode or at CSC Centre, the candidate should get the printout of the online fee receipt so generated.
- xi. If the candidate wants to pay the fee through offline mode then he/she should take a printout of the fee payment challan and can deposit fees in any of the branches of

Jammu and Kashmir Bank in the designated account number only printed on the e-challan. A counterfoil copy of the application fee payment e-challan duly authenticated by the bank with (a) branch name & code no and (c) date of deposit filled by the branch official shall be enclosed with the hard copy to be submitted in the office of the Commission alongwith other requisite documents **as and when demanded by the Commission.**

- xii. Submission of fee payment challan shall not be accepted/entertained after cut-off date fixed for the advertisement Notification.
- xiii. Please note that the above procedure is the only valid procedure for applying. No other mode of application or incomplete steps would be accepted and such applications would be rejected.

7. Action against candidates found guilty of misconduct: -

Candidates are advised that they should not furnish any particulars that are false or suppress any material information. While submitting hard copy of the application in the Commission, candidates are warned that they should, in no case, alter or otherwise temper with any entry in a document or its attested/certified copy submitted by them, nor should they submit a tampered/fabricated document. If there is any inaccuracy or discrepancy between two or more such documents or their attested/certified copies, an explanation regarding this discrepancy should be furnished.

A candidate who is, or has been, declared by the Commission, to be guilty of:

- i. obtaining by wrongful support of his/her candidature by any means, or
- ii. impersonating, or
- iii. procuring impersonation by any person, or
- iv. submitting fabricated documents or documents which have been tampered with or
- v. making statements which are incorrect, or false or suppressing material information, or
- vi. resorting to any other irregular or improper means in connection with his/her candidature for the selection, or
- vii. using unfair means during the test, or
- viii. writing irrelevant matter including obscene language or pornographic matter, in the script(s), or
- ix. misbehaving in any other manner in the examination hall, or
- x. harassing or doing bodily harm to the staff employed by the Commission for the conduct of their test, or
- xi. attempting to commit or, as the case may be, abetting the Commission of all or any of the acts specified in the foregoing clauses may, in addition to rendering himself/herself liable to criminal prosecution, shall be liable;
 - (a) to be debarred by the Commission for appearing in the examination, and/or
 - (b) to be debarred either permanently or for a specified period:
 - (i) By the Commission from any examination or selection held by them.
 - (ii) By the State Government from any employment under them.

Sd/-

(Shakeel ul Rehman)

Secretary & Controller of Examinations

Dated: 27.03.2017

No: PSC/DR/Medical Officer/2017

Copy to the:

1. Commissioner/Secretary to Government, Health & Medical Education Department, Civil Secretariat, Jammu
2. Director Information, Jammu for favor of getting the notice published in atleast two local leading English dailies of Jammu/Srinagar.
3. General Manager, Govt. Press, Jammu for publication in extra ordinary issue of the Gazette.
4. Deputy Secretary/Under Secretary, J&K Public Service Commission.

5. Pvt. Secretary to Hon'ble Chairman, J&K Public Service Commission for information of the Hon'ble Chairman.
6. Private Secretary to Shri _____, Member, J&K Public Service Commission for information of the Member.
7. PA to Secretary, J&K Public Service Commission for information of the Secretary.
8. I/C Website for uploading the notice on website. One hard & one soft copy.
9. In-Charge Camp Office, Srinagar.
10. Notice Board, J&K PSC, Jammu/ Srinagar.
11. Main file/Programme file.

**Annexure – Syllabus for conduct of written test for the post of
Medical Officer in H&ME**

1. GENERAL SURGERY INCLUDING ORTHOPAEDICS:

1. Wound healing
2. Fluid and electrolytes
3. Nutritional Support
4. Wound infection, special infections, AIDs
5. Sterilization, methods and precautions
6. Transplantation
7. Tumors
8. Skin diseases and Plastic surgery. Burns.
9. Arterial disorders and venous disorders, Lymphatics
10. Accident and emergency Surgery
11. Cleft lip and palate
12. Disorders of salivary gland
13. Sutures
14. Thyroid
15. Parathyroid and Adernal glands
16. Breast
17. Thorax – Injureis and diseases of Lung, Diaphregm
18. Heart
19. Liver
20. Spleen
21. Gall bladder and Bileducts
22. Pancreas
23. Peritoneum, Omentum, Mesentry and Retroperitoneal spaces.
24. Small and large intestine
25. Intestinal obstruction
26. Appendix
27. Rectum
28. Anus and Anal Canal
29. Hernias
30. Urology
31. Fractures
32. Tumors of Bone, Benign and Malignant
33. Metabolic and Non infection disorders of bones and joints.
34. Infection of Joints, Pyogoenic, Tuberculosis
35. Injuries of spine and pelvis & their management.

2. MEDICINE:

1. Cardinal manifestations and presentation of diseases.
2. Genetics.
3. Nutritional diseases
4. Hematology
5. Infectious diseases
6. Disease of Cardio Vascular system
7. Diseases of Respiratory system
8. Diseases of Kidney and Urinary tract
9. Diseases of Gastro Intestinal system.
10. Diseases of Immune system, connective tissue and joints
11. Endocrinology & Metabolism.
12. Neurologic disorders.
13. Environment and occupational hazards.

3. OBSTETRICS AND GYNAECOLOGY:

1. Introduction to Obstetrics
2. Development of human placenta and embryo, anomalies of placenta and coord.
3. Formation of liquor amni and its circulation.
4. Anatatomical and physiological changes during pregnancy.
5. Diagnosis of pregnancy

6. Methods of Obstetrical and Pelvic examination and special investigations.
7. Role of USG and Radiology in Obstetrics.
8. Antenatal care including use of drugs during pregnancy.
9. Antepartum, foetal surveillance in high risk pregnancies.
10. Social Obstetrics
11. Anemia in pregnancy
12. Heart diseases in pregnancy.
13. Diabetes, prediabetic state, glycoosuria in pregnancy
14. Respiratory diseases in pregnancy.
15. Psychiatric disorders in pregnancy and purperium
16. Jaundice in pregnancy
17. Skin diseases in pregnancy
18. Urinary Tract infection in pregnancy including Asymptomatic bacteruria, chronic renal infection in pregnancy, renal failure in pregnancy.
19. Hypertensive disorders in pregnancy.
20. APH-plalcenta previa accidental haemorrhage and extra placental causes hypofibrinogenemis, diagnosis and management, DUC annuria.
21. Rh factor Pathology Rh testing and management of pregnancy and new born.
22. Multiple pregnancy
23. Postmaturity
24. Intrauterine growth retardation
25. Intrauterine death.
26. Recurrent pregnancy - wastages
27. Surgical Gynecological conditions with pregnancy
28. Abnormal position and presentations
29. Special cases
30. Normal Labour
31. Preterm Labour
32. Abnormal Uterine action
33. Prolonged labour
34. Normal Pelvis and foetal skull
35. Contracted Pelvis, CPD, Pelvic assessment
36. Obstructed Labour
37. Injuries of Genital Tract
38. Injury of the Urinary System
39. Obstetrical Palsy
40. Postpartum Collapse.
41. Normal Puerperium
42. Puerperal infection
43. Neonatology
44. Obstetrical procedure.
45. Anatomy of Uro Genital tract
46. Development of Urogenitaltract.
47. Physiology of Menstruation, ovulation and Normal Contro.
48. Gynaecological History taking, examination and investigation.
49. Sex differentiation, asexuality & Intersexuality.
50. Amenorrhoea causes, Diagnosis and Management.
51. Infertility Male & Female causes, Diagnosis with investigation and management with newer modalities.
52. Dysmenorrhoea
53. Abnormal uterine bleeding
54. Abortions.
55. Trophoblastic tumors
56. Ectopic pregnancy
57. Infections of Genital tract.
58. Genital prolapse Retroversion
59. Urinary Incontinence
60. Rectal incontinence
61. Endometriosis and Adenomyosis.
62. Benign conditions and benign tumors.

63. Pruritis
64. Chronic Vulval Dystrophies
65. Tumors of Uterus
66. Ovarian Tumors
67. Genital Cancers
68. Menopause
69. Role of USG & Radiology in Gynae
70. Preoperative and postoperative management & complications of major Gynae surgery.
71. Gynaecological surgery
72. MTP 1st and 2nd Trimester
73. Contraceptions including Voluntary surgical contraception.
74. Demography

4. PEDIATRICS:

1. Basic sciences as applied to paediatrics
2. Growth and development.
3. Adolescence
4. Clinical biostatistics
5. Community paediatrics, including National Programmes.
6. Immunization
7. Nutritional requirements and nutritional disorders.
8. Infectious disease, including parasitic infestations
9. Infections- Respiratory, G.I, CNS, Genito-Urinary, Hematopoietic infections in neonates, infants, children and adolescents.
10. Systemic diseases.
11. Neonatology including antenatal paediatrics.

5. PREVENTIVE AND SOCIAL MEDICINE:

1. History of Preventive and Social Medicine.
2. Concepts of Health and Diseases.
3. Nutrition and Health
4. Social Science and Health
5. Environment & Health
6. Occupational Health
7. Genetics and Health
8. Public Health Administration
9. Demography and Family Planning
10. Maternal and Child Health
11. Immunity and Immunization
12. Epidemiology of communicable and non-communicable diseases.
13. National Control/Eradication programmes relevant to specific diseases.
14. Health Information systems for the routine and vital health statistics
15. Primary Health care-Principles, components and levels of practice in the health care infrastructure.
16. Health Education
17. International Health.

6. FORENSIC MEDICINE & TOXICOLOGY:

1. Medicolegal examination of injured person
2. Medicolegal examination of Rape victim
3. Medicolegal examination of Sodomy
4. Examination of accused of Rape
5. Medicolegal Examination of Intoxicated person
6. Procedure for conducting Medicolegal Post-mortem
7. Essential requirements for conduct of Medicolegal Post-mortem
8. Autopsy of Foetus
9. To calculate time since death on post-mortem
10. Examination of Skeletal remains
11. Technique of Viscera Preservation on post-mortem examination
12. Exhumation & Post-mortem

13. Medicolegal duties of Doctor in Poisoned Patients
14. Duties of a R.M.P
15. Procedure of recording Evidence
16. Recording of Firearm injuries
17. Forensic Science Laboratory
18. Post-mortem in case of Hanging and strangulation
19. Age Certification
20. Medical Jurisprudence
21. Forensic psychiatry
22. Thanatology
23. Deliriant poisons
24. Fire arm & bomb blast injury

7. ANATOMY:

- a. Cardiovascular system and lymphatic system-Blood supply of heart +lymphatic drainage of heart
- b. Thoracic outlet syndrome
- c. Abdominal quadrants
- d. Vermiform appendix-Positions of appendix
- e. Difference between male and female pelvis
- f. Layers of Scalp
- g. Triangles of neck, contents of anterior triangle
- h. Paranasal sinuses with applied anatomy
- i. Cartilages of larynx
- j. Names of Cranial Nerves
- k. Pharyngeal arches
- l. History of cardiac muscles
- m. Difference between thick and thin Skin
- n. Annual pancreas

8. PHYSIOLOGY:

Nerve Muscles

- a. Neuromuscular transmission
- b. Muscle proteins(Biochemistry)
- c. Excitation-Contraction coupling

Blood

- a. Anemia
- b. Hemostatis

Respiratory System

- a. Mechanics of respiration-I
- b. Mechanics of respiration-II

Cardiovascular System

- a. ECG
- b. Exercise physiology
- c. Cardiovascular reflexes
- d. Special features of circulation in skeletal muscles and skin

Gastrointestinal System

- a. Introduction of G.I. Physiology: General organization of G.I. tract
- b. Pathophysiology of diarrheal disease

Nutrition

- a. Diet during pregnancy and lactation
- b. Diet during infancy and childhood

Environmental Physiology

- a. Man in cold environment
- b. Man in hot environment

Reproduction

- a. Introduction to reproductive system

Kidney

- a. Renal Tubular function-I
- b. Renal tubular function-II
- c. Micturition

General

- a. CSF
- b. Physiology of pain
- c. Brain stem reflexes, stretch reflexes and tendon reflexes
- d. Basal ganglia
- e. Speech
- f. Functional anatomy of eye
- g. Functional anatomy of ear: impedance matching
- h. Auditory pathway
- i. Olfaction
- j. Physiology of taste

9. BIOCHEMISTRY:

a. Molecular Biology-its role in Clinical Biochemistry

Structure, biochemical role of DNA and RNA, Genomes, Basic concepts of DNA & RNA metabolism Replication, Transcription and Translation-importance of their inhibitors, Recombinant DNA technology and polymerase chain reaction-their role in medicine, Gene therapy, Genomics and Bioinformatics, their relevance to medicine.

b. Biochemical basis of Hormone action

Communication among cells and tissues, Molecular mechanism of action of Steroid hormones, hormones of pancreas, thyroid and parathyroid, Signal transduction, G-Proteins coupled receptors and second messengers, Role of leptins and adipocytokines.

c. Clinical Biochemistry

Organ function tests: Liver function tests, Kidney function tests, Thyroid function tests, Adrenal and Pancreatic function tests, Tumor markers and growth factors, Biochemical changes in pregnancy and lactation, Water and electrolytes balance and imbalance, Acid-base balance and disorders. Total Quality Management of Laboratories, Internal quality control, External quality control, Accreditation of laboratories.

10. MICROBIOLOGY:

a. General Bacteriology

- i. Sterilization/disinfection
- ii. Culture media
- iii. Antimicrobial sensitivity
- iv. Bacterial genetics

b. System Bacteriology

- i. Gram positive bacteria
- ii. Gram Negative bacteria
- iii. Mycobacteria

c. Immunology

- i. Innate and Adaptive immune responses
- ii. Hypersensitivity
- iii. Autoimmunity

d. Virology

- i. DNA/RNA viruses
- ii. HIV
- iii. Herpes viruses

11. PHARMACOLOGY:

- i. General Pharmacology
- ii. Autonomic nervous system

- iii. Cardiovascular system
- iv. Central Nervous
- v. Antibiotics and chemotherapy

12. ENT:

- 1. Complications of Otitis media
- 2. Otosclerosis and tympanoplasty
- 3. BERA
- 4. Acoustic neuroma (tumors of ear)
- 5. FESS/ESS
- 6. Neurological affections of larynx
- 7. Hoarseness and tumors
- 8. Tracheostomy
- 9. Diseases and tumors of thyroid
- 10. ENT manifestation of AIDS

13. OPHTHALMOLOGY:

1 Lids:

- I. Entropion
- II. Ectropion
- III. Ptosis

2. Cornea

- I. Corneal ulcer
- II. Keratoconus
- III. Lasik laser

3. Lens

- I. Senile cataract
- II. Subluxated lens
- III. Multifocal iol

4. Retina

- I. Diabetic Retinopathy
- II. Macular hole
- III. Retinal detachment

5. Optic nerve

- I. Optic atrophy
- II. Pappilledema
- III. Dilated pupil

14. RADIOLOGY:

- I. Radiation Protection and hazards
- II. Basics of x-ray, ultrasound, CT and MRI
- III. Basics of PET & SPECT
- IV. Clinical indications/contraindications of CT, MRI and PET
- V. Contrast media and their adverse reactions and their management
- VI. Radiological investigations like IVP, HSG, Barium studies
- VII. Ultrasonography and Doppler