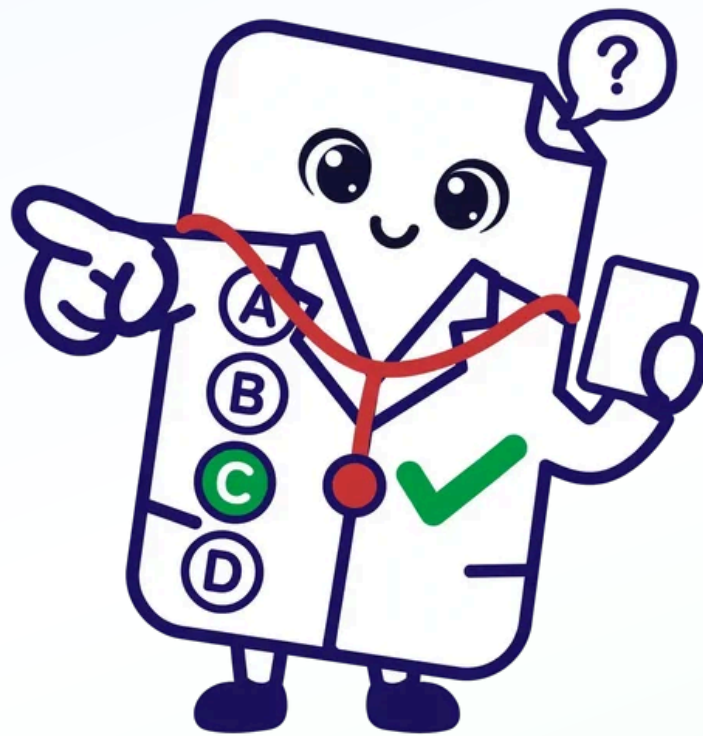




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Medical Officer Test Preparation Book 2026

A full model paper in the real MO pattern, with answer key



100 MCQs

Real MO subject split

Answer key + online explanations

How to use this book

1. Sit each model paper in one go, in 120 minutes, with a pen and the answer sheet of your choice.
2. Mark yourself with the answer key at the back.
3. Every answer in the key is a link. Tap it to read why that option is right on TestUstad, free.

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What is in this book

100 MCQs across one paper, each drawn in the same subject split as the real MO paper:

- Physiology: 15 MCQs per paper
- Pathology: 15 MCQs per paper
- Pharmacology: 15 MCQs per paper
- General Anatomy: 12 MCQs per paper
- Biochemistry: 12 MCQs per paper
- Microbiology: 11 MCQs per paper
- English: 5 MCQs per paper
- General Knowledge: 5 MCQs per paper
- Pakistan Studies: 4 MCQs per paper
- Pakistan Current Affairs: 3 MCQs per paper
- Islamic Studies: 2 MCQs per paper
- Computer Science and IT: 1 MCQs per paper



MODEL PAPER 1 OF 1

Medical Officer Test

100 MCQs · 120 minutes · answer key at the back



Physiology

15 MCQs

1. In conn's disease, there is an excess of _____?

- ☐ A Adrenaline
- ☐ B Aldosterone
- ☐ C Cortisol
- ☐ D Noradrenaline

2. Hormone responsible for milk ejection _____?

- ☐ A Oxytocin
- ☐ B Estrogen
- ☐ C Progesterone
- ☐ D Prolactin

3. Brush border is seen in _____?

- ☐ A Bowman's capsule
- ☐ B Proximal convoluted tubule
- ☐ C Distal convoluted tubule
- ☐ D Loop of Henle

4. Following are local hormones except _____?

- ☐ A Insulin
- ☐ B Heparin
- ☐ C Bradykinin
- ☐ D Acetylcholine

5. Stimulation of baroreceptor leads to _____?

- ☐ A Increased blood pressure, increased heart rate
- ☐ B Decreased B.P , decreased heart rate
- ☐ C Increased B.P, decreased heart rate
- ☐ D Decreased B.P, increased heart rate

6. Ions participating in clotting mechanism are _____?

- ☐ A Iron
- ☐ B Copper
- ☐ C Calcium
- ☐ D Aluminum

7. The best stimulator of respiratory center is _____?

- ☐ A Decrease in arterial carbon dioxide level
- ☐ B Increase in arterial carbon dioxide level
- ☐ C Increase in arterial oxygen level
- ☐ D None of the above

8. Which of the following is not true about axonotmesis ?

- ☐ A Impairment of both sensory and motor function
- ☐ B Wallerian degeneration
- ☐ C Intact neural sheath is not present
- ☐ D Reversible loss, which will be regenerated in 6-8 wks

9. Copious flow of watery saliva is secreted in response to _____?

- ☐ A Parasympathetic stimulation
- ☐ B Sympathetic stimulation
- ☐ C CNS stimulation
- ☐ D sensory stimulation

10. Insulin increases the activity of _____?

- ☐ A HMG. CoA reductase
- ☐ B HMG- CoA lyase
- ☐ C HMG- CoA synthase
- ☐ D Thiolase

11. Inhibin hormone has effect on _____?

- ☐ A Sertoli cells
- ☐ B FSH
- ☐ C Seminiferous tubules
- ☐ D Spermatogenesis

12. The kidney secretes all of the following hormones except _____?

- ☐ A Renin
- ☐ B Erythropoietin
- ☐ C Vasopressin
- ☐ D 1,2,5 Dihydroxy cholecalciferol

13. Tendon (or) ligament is attached to a bone through _____?

- ☐ A Tomes fibers
- ☐ B Interstitial fibers
- ☐ C Sharpey's fibers
- ☐ D Haversian fibers

14. Minimum blood pressure is in _____?

- ☐ A Aorta
- ☐ B Arteries
- ☐ C Capillaries
- ☐ D Venules

15. Which of the following is not useful for coagulation _____?

- ☐ A Plasmin
- ☐ B Thrombin
- ☐ C Calcium
- ☐ D Fibrin



Pathology

15 MCQs

16. Erythroblastosis fetalis is a condition seen when there is _____?

- ☐ A Rh -ve mother and Rh -ve foetus
- ☐ B Rh -ve mother and Rh +ve foetus
- ☐ C Rh +ve mother and Rh -ve foetus
- ☐ D Rh +ve mother and Rh +ve foetus

17. Down syndrome is caused by all except _____?

- (A) Trisomy of 21 chromosome
- (B) Mosaicism of 21 chromosome
- (C) Robertsonian translocation of 21.21, 21.18
- (D) Deletion of 21

18. In Hodgkin's disease the lympho cells seen are _____?

- (A) Eosinophils
- (B) Plasma cells
- (C) Reed-sternberg cells
- (D) Giant cells

19. Which of the following is not an action of epinephrine when administered intravenously in a high dose?

- (A) Increased liver glycogenolysis
- (B) Causes bronchiolar constriction
- (C) Evokes extrasystoles in the heart
- (D) Produces restlessness and anxiety

20. Increased proliferation of cells is called _____?

- (A) Hypertrophy
- (B) Atrophy
- (C) Hyperplasia
- (D) Metaplasia

21. Epithelioid cells are seen in all of the following except _____?

- (A) Tuberculosis
- (B) Granulation tissue
- (C) Syphilis
- (D) Sarcoidosis

22. Following is the most important factor in the management of shock _____?

- (A) Blood pressure
- (B) Cardiac output
- (C) CVP to 8 cm of water
- (D) Deficiency of effective circulating blood volume

23. Serum sickness syndrome is _____?

- (A) A transplant immunity
- (B) An anaphylactic shock
- (C) Systemic arthus reaction
- (D) None of the above

24. Which of the following is a hemolytic anemia _____?

- (A) Sickle cell anemia
- (B) Thalassemia
- (C) Hereditary spherocytosis
- (D) All of the above

25. HOX gene is responsible for which malformation _____?

- (A) Polysyndactyly
- (B) Holoprosencephaly
- (C) Mayer Rokitansky syndrome
- (D) Gorlin syndrome

26. Exfoliative cytology is indicated in _____?

- ☐ A Heavily keratinized lesions of oral cavity
- ☐ B Pro-cancerous lesions of oral cavity
- ☐ C Cigarette smokers
- ☐ D Mass screening of cervical cancer

27. Ghon focus is associated with _____?

- ☐ A Gonorrhea
- ☐ B Syphilis
- ☐ C AIDS
- ☐ D Tuberculosis

28. Metastatic calcifications are seen in _____?

- ☐ A Hypoparathyroidism
- ☐ B Vitamin D deficiency
- ☐ C Hypercalcemia
- ☐ D All of the above

29. Factors influencing wound healing are the following _____?

- ☐ A Nutrition
- ☐ B Adequate blood supply
- ☐ C Size and location of wound
- ☐ D All of the above

30. Edema occurs due to _____?

- ☐ A Increased capillary permeability
- ☐ B Decreased capillary permeability
- ☐ C Decreased interstitial fluid
- ☐ D Decreased blood flow



Pharmacology

15 MCQs

31. The antibiotic of choice in patients sensitive to penicillin is _____?

- ☐ A Erythromycin
- ☐ B Streptomycin
- ☐ C Tetracycline
- ☐ D Chloramphenicol

32. The organ most resistant to GA is _____?

- ☐ A Spinal Cord
- ☐ B Medulla oblongata
- ☐ C Medullary cortex
- ☐ D Cerebrum

33. various insulin preparations useful in the treatment of diabetes mellitus differ primarily in _____?

- ☐ A Focus of action
- ☐ B Onset and duration of action
- ☐ C Mode of biotransformation
- ☐ D None of the above

34. All of the following drugs cause dryness of mouth except_____?

- (A) Atropine
- (B) Chlorpheniramine
- (C) Imipramine
- (D) Neostigmine

35. Which drug is not acetylated ?

- (A) Metaclopramide
- (B) INH
- (C) Dapsone
- (D) Hydralazine

36. Which among the following is a cell cycle specific anti-neoplastic drug ?

- (A) Cyclophosphamide
- (B) Doxorubicin
- (C) Methotrexate
- (D) Cisplatin

37. A factor with a mucopoly saccaride, present in liver, presenting in platelet aggregation is_____?

- (A) Plasmin
- (B) Acetylsalicylic acid
- (C) Heparin
- (D) Prothrombin

38. One of the obvious consequences of alcohol (ethanol), ingestion in many individual is facial flushing and increased heart rate triggered off by alcohol getting metabolized to_____?

- (A) Formaldehyde
- (B) Acetaldehyde
- (C) Propanaldehyde
- (D) Butanaldehyde

39. Antifungal drug not used in the treatment of intestinal candidiasis_____?

- (A) Amphotericin
- (B) Nystatin
- (C) Ketoconazole
- (D) Clotrimazole

40. The drug not belonging to amide group_____?

- (A) Procaine
- (B) Xylocaine
- (C) Lignocaine
- (D) Bupivacaine

41. An oral hypoglycemic agent is_____?

- (A) Warfarin
- (B) Insulin
- (C) Glibenclamide
- (D) Glucon

42. Bradycardia is most commonly treated with which of the following drugs_____?

- (A) Epinephrine
- (B) Atropine
- (C) A diuretic
- (D) A potent vasodilator

43. Gastric secretion has been shown to be most effectively reduced with the use of_____?

- (A) H1 histamine receptor antagonist
- (B) H2 histamine receptor antagonist
- (C) Adrenal steroids
- (D) Anticholinergic

44. All of the following drugs are components of the MOPP cancer Chemotherapy regimen EXCEPT _____?

- (A) Procarbazine
- (B) Vincristine
- (C) Mechlorethamine
- (D) Methotrexate

45. The anticoagulant of choice during pregnancy is _____?

- (A) Warfarin sodium
- (B) Sodium oxalate
- (C) Heparin
- (D) Phenindone



General Anatomy

12 MCQs

46. Visual cortex is present in the _____?

- (A) Occipital lobe
- (B) Temporal lobe
- (C) Frontal lobe
- (D) Parietal lobe

47. All of the following are composite muscles except _____?

- (A) Pectineus
- (B) Rectus femoris
- (C) Adductor magnus
- (D) Biceps femoris

48. Elastic cartilage is found in _____?

- (A) Auditory tube
- (B) Nasal septum
- (C) Articular cartilage
- (D) Costal cartilage

49. The receptor cells of the olfactory epithelium are _____?

- (A) Bipolar neurons
- (B) Unipolar neurons
- (C) Multipolar neurons
- (D) Stellate cells

50. Injury to the median nerve occurs frequently when following artery is used for taking an ABG sample _____?

- (A) Radial artery
- (B) Brachial artery
- (C) External carotid artery
- (D) Femoral artery

51. The esophagus commences at the following level _____?

- (A) Lower end of cricoid
- (B) C5 vertebra
- (C) 10 cm from incisor teeth
- (D) C7

52. The posterior part of the tongue develops from _____?

- (A) First Arch
- (B) Third Arch
- (C) Second Arch
- (D) All of the above

53. Liver is divided into _____?

- ☐ A 8 Couinaud Segments
- ☐ B 7 Couinaud Segments
- ☐ C 9 Couinaud Segments
- ☐ D 10 Couinaud Segments

54. Hypoglossal nerve is _____?

- ☐ A Purely motor
- ☐ B Purely sensory
- ☐ C Mixed nerve
- ☐ D A peripheral nerve

55. Holocrine secretion is seen in _____?

- ☐ A Salivary
- ☐ B Mammary
- ☐ C Sebaceous glands
- ☐ D Gastric

56. Which muscle divides the neck into anterior and posterior triangles?

- ☐ A Sternomastoid
- ☐ B Platysma
- ☐ C Digastric
- ☐ D Trapezius

57. All of the following muscles retract scapula except _____?

- ☐ A Trapezius
- ☐ B Rhomboid major
- ☐ C Rhomboid minor
- ☐ D Levator scapulae



Biochemistry

12 MCQs

58. Which of the following statement is TRUE? The hydrolysis of lactose yields glucose and galactose _____?

- ☐ A The hydrolysis of lactose yields glucose and galactose
- ☐ B The hydrolysis of maltose yields glucose and fructose
- ☐ C The hydrolysis of sucrose yields only glucose
- ☐ D All of the above statements are true

59. The normal value of serum potassium level is _____?

- ☐ A 2.8-3.8 meq/L
- ☐ B 3.8-5 meq/L
- ☐ C 5-5.8 meq/L
- ☐ D 6-7.2 meq/L

60. The reducing equivalent for fatty acid synthesis is derived from _____?

- ☐ A Glycolysis
- ☐ B Krebs cycle
- ☐ C Urea cycle
- ☐ D Pentose phosphate pathway

61. Tertiary structure of protein is maintained by all except _____?

- ☐ A H₂ bond
- ☐ B Hydrophobic
- ☐ C Ionic bond
- ☐ D Disulphide bond
- ☐ E None of the above

62. R-RNA is mainly produced mainly in _____?

- (A) Nucleus
- (B) Nucleolus
- (C) Ribosome
- (D) Endoplasmic reticulum

63. The enzyme that splits hydrogen peroxide into water and oxygen is _____?

- (A) Cytochromes
- (B) Cytochrome P 450
- (C) Super oxide dismutase
- (D) Catalase

64. Deficiency of vitamin A causes the following except _____?

- (A) Night blindness
- (B) Corneal dryness
- (C) Bitot's spots
- (D) Myopia

65. Increase in pyruvate and lactate is seen in which of the following deficiency?

- (A) Thiamine
- (B) Pyridoxine
- (C) Niacin
- (D) Vitamin C

66. The tissue with the highest glycogen content (mg/100gm) _____?

- (A) Liver
- (B) Muscle
- (C) Kidneys
- (D) Testes

67. In maple syrup urine disease the amino acids excreted in the urine are _____?

- (A) Leucine
- (B) Isoleucine
- (C) Valine
- (D) All of the above

68. Saponification means hydrolysis of fats by _____?

- (A) Acid
- (B) Alkali
- (C) Water
- (D) Enzymes

69. Precursor of melanin is _____?

- (A) Phenylalanine
- (B) Tryptophan
- (C) Tyrosine
- (D) Methionine



Microbiology

11 MCQs

70. Mesophilic organisms are those that grow best at temperature of _____?

- (A) -20°C to -7°C
- (B) -7°C to + 20°C
- (C) 25°C to 40°C
- (D) 55°C to 80°C

71. CD4 count in normal healthy adult is _____?

- (A) 500
- (B) 200
- (C) 1000
- (D) 300

72. Fungus capable to forming fungal ball is _____?

- (A) Penicillium
- (B) Aspergillus
- (C) Mucor
- (D) Rhizopus

73. Anaerobic bacteria can be cultured in _____?

- (A) L-J medium
- (B) Robertson cooked meat medium
- (C) Loefflers medium
- (D) Sabourauds agar

74. Sunlight acts as sterilizing agent because _____?

- (A) Long wavelength
- (B) short wave length
- (C) Ozone
- (D) Heat

75. The small nonparticulate protein leading to enhanced replication of HBV as well as HIV is _____?

- (A) HBc Ag
- (B) HBs Ag
- (C) Hbe Ag
- (D) HBx Ag

76. L.D bodies are seen in _____?

- (A) Kalahazar
- (B) Toxoplasmosis
- (C) Malaria
- (D) Sleeping sickness

77. By using phase contrast microscope _____?

- (A) Internal structures are differentiated in living cells
- (B) Internal structures are differentiated in dead cells
- (C) Internal metabolic activities can be observed
- (D) External capsule formation can be observed

78. Adjuvant given along with antigens are going to _____?

- (A) Increase toxigenicity
- (B) Increase antigenicity
- (C) Reduce the antigenicity
- (D) reduce the toxigenicity

79. The following statement is true regarding fungal infection _____?

- (A) Dermatophyte infection are exclusively man to animal
- (B) Rhinosporidium causes deep infection in man
- (C) albicans is not pathogenic to lab animals
- (D) Candida infection is usually endogenous

80. Most of the drug resistances occurs due to _____?

- (A) Transduction
- (B) Transformation
- (C) Mutation
- (D) conjugation



81. _ going to sleep, I like to read for half an hour.

- ☐ A After
- ☐ B Before
- ☐ C As soon as
- ☐ D While

82. The students were _ and the teacher, therefore did not take the class.

- ☐ A Only few
- ☐ B Few
- ☐ C No much
- ☐ D Very few

83. In each of the following question, four alternative sentences are given. Choose the CORRECT one and fill the Circle corresponding to that letter in the MCQ Responen Form.

- ☐ A As she said the computer was programmed by Mona.
- ☐ B Just like she said the computer was programmed by Mona.
- ☐ C As like she said the computer was programmed by Mona.
- ☐ D Just like she had she said the computer was programmed by Mona.

84. The word PROSCRIBE means :

- ☐ A Say with authority
- ☐ B Unwanted behavior
- ☐ C Denounce
- ☐ D Supportive teacher

85. Her brother along with her parents_ that she remain in school.

- ☐ A Insist
- ☐ B Insists
- ☐ C Are insisting
- ☐ D Were insisting



General Knowledge

5 MCQs

86. World Happiness Index was first time published in year __?

- ☐ A 2009
- ☐ B 2010
- ☐ C 2012
- ☐ D 2013

87. Radio was invented by _____ in 1895?

- ☐ A Philo taylor
- ☐ B Motorola martia
- ☐ C Robert
- ☐ D Guglielmo marconi

88. GMT stands for?

- ☐ A Greenwich mean time
- ☐ B Giant meter television
- ☐ C General management time
- ☐ D A & B

89. Island of Ellesmere is located in which country?

- ☐ A USA
- ☐ B Canada
- ☐ C Russia
- ☐ D France

90. Who hold the record for 125 largest number of Qawali albums?

- ☐ A Atta ullah esakhailwi
- ☐ B abida parveen
- ☐ C ustad nusrat fatheh ali khan shahab
- ☐ D gullam ali khan shahab



Pakistan Studies

4 MCQs

91. Since Inception of Pakistan how many Prime Ministers have completed their tenure till to date?

- ☐ A 5
- ☐ B 3
- ☐ C 1
- ☐ D Zero (Nobody)

92. Which Doab is Between Indus River and Jhelum River?

- ☐ A Chaj Doab
- ☐ B Rachna Doab
- ☐ C Bari Doab
- ☐ D Sindh Sagar Doab

93. Poet Shah Abdul Kareem Bulriwaro was born in _____?

- ☐ A Umerkot
- ☐ B Sanghar
- ☐ C Matiari
- ☐ D Sukkur

94. The books "The Murder of History", "The Pakistani Historian" and "Britain and Muslim India" were written by _____?

- ☐ A Khalid Bin Sayeed
- ☐ B Chudary Muhammad Ali
- ☐ C I.I Qureshi
- ☐ D K.K Aziz



Pakistan Current Affairs

3 MCQs

95. Federal Budget 18-19, family pension has been increased to Rs _____ from Rs 4,500 previously.

- ☐ A 5,500
- ☐ B 6,500
- ☐ C 7,500
- ☐ D 8,500

96. Which of the following Medals were won by Arshad Nadeem for Pakistan in Paris Olympics 2024 .

- ☐ A Bronze Medal
- ☐ B Silver Medal
- ☐ C Gold Medal
- ☐ D None of these

97. Prime Minister Imran Khan will lay foundation stone of Kartarpur corridor on _____, as both India and Pakistan has reached Sikh temple deal?

- ☐ A 24th November 2018
- ☐ B 26th November 2018
- ☐ C 28th November 2018
- ☐ D 30th November 2018

**Islamic Studies**

2 MCQs

98. Masjid-e-Khief is located in:_____?

- ☐ A Muzdilifa ☐ B Arafaat
☐ C Minna ☐ D None of these

99. How many Sahifay were revealed to Hazrat Idrees (AS)?

- ☐ A 10 ☐ B 20
☐ C 30 ☐ D 40

**Computer Science and IT**

1 MCQs

100. Which generation of computer is still under development?

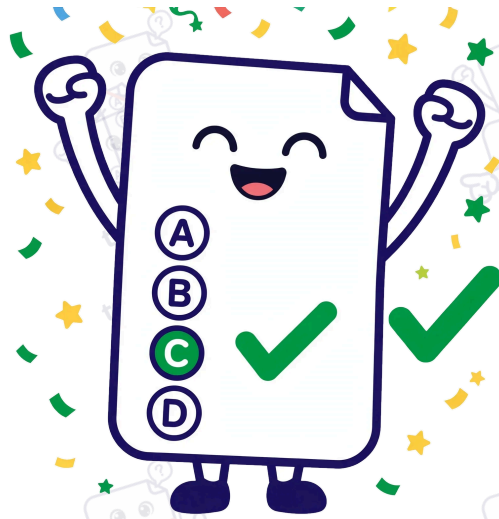
- ☐ A Fourth Generation ☐ B Fifth Generation
☐ C Sixth Generation ☐ D Seventh Generation

Answer key

Tap any answer to open its full explanation on TestUstad.

Model Paper 1

1	B	2	A	3	B	4	A	5	B	6	C	7	B	8	C	9	A	10	A
11	B	12	C	13	C	14	D	15	A	16	B	17	D	18	C	19	B	20	C
21	B	22	D	23	C	24	D	25	A	26	D	27	D	28	C	29	D	30	A
31	A	32	B	33	B	34	D	35	A	36	C	37	C	38	B	39	D	40	A
41	C	42	B	43	B	44	D	45	C	46	A	47	B	48	A	49	A	50	B
51	A	52	B	53	A	54	A	55	C	56	A	57	D	58	A	59	B	60	D
61	E	62	B	63	D	64	D	65	A	66	A	67	D	68	B	69	C	70	C
71	C	72	B	73	B	74	B	75	D	76	A	77	A	78	B	79	D	80	D
81	B	82	B	83	A	84	C	85	C	86	C	87	D	88	A	89	B	90	C
91	D	92	D	93	C	94	D	95	C	96	C	97	C	98	C	99	C	100	B



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