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OPSC

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Homeopathic Medical Officer 2017 Paper-I



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Test Booklet Series

T. B. C. : HM - 1/17



TEST BOOKLET

Serial No. 3553

**HOMOEOPATHIC MEDICAL OFFICER
PAPER - I**

Time Allowed : 1½ Hours

Maximum Marks : 100

: INSTRUCTIONS TO CANDIDATES :

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET OF THE SAME SERIES ISSUED TO YOU.
2. ENCODE CLEARLY THE TEST BOOKLET SERIES A, B, C OR D, AS THE CASE MAY BE, IN THE APPROPRIATE PLACES IN THE ANSWER SHEET USING BALL POINT PEN (BLUE OR BLACK).
3. You have to enter your Roll No. on the Test Booklet in the Box provided alongside. DO NOT write anything else on the Test Booklet.
4. YOU ARE REQUIRED TO FILL UP & DARKEN ROLL NO., TEST BOOKLET / QUESTION BOOKLET SERIES IN THE ANSWER SHEETS AS WELL AS FILL UP TEST BOOKLET / QUESTION BOOKLET SERIES AND SERIAL NO. AND ANSWER SHEET SERIAL NO. IN THE ATTENDANCE SHEETS CAREFULLY. WRONGLY FILLED UP ANSWER SHEETS ARE LIABLE FOR REJECTION AT THE RISK OF THE CANDIDATE.
5. This Test Booklet contains 100 items (questions). Each item (question) comprises four responses (answers). You have to select the correct response (answer) which you want to mark (darken) on the Answer Sheet. In case, you feel that there is more than one correct response (answer), you should mark (darken) the response (answer) which you consider the best. In any case, choose ONLY ONE response (answer) for each item (question).
6. You have to mark (darken) all your responses (answers) ONLY on the separate Answer Sheet provided by using BALL POINT PEN (BLUE OR BLACK). See instructions in the Answer Sheet.
7. All items (questions) carry equal marks. All items (questions) are compulsory. Your total marks will depend only on the number of correct responses (answers) marked by you in the Answer Sheet.
8. Before you proceed to mark (darken) in the Answer Sheet the responses to various items (questions) in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per the instructions sent to you with your Admission Certificate.
9. After you have completed filling in all your responses (answers) on the Answer Sheet and after conclusion of the examination, you should hand over to the Invigilator the Answer Sheet issued to you. You are allowed to take with you the candidate's copy / second page of the Answer Sheet along with the Test Booklet, after completion of the examination, for your reference.

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SEAL

1. A patient presents with foreign body sensation in eyes with swollen knee joint after a leisure trip. The most probable diagnosis is :
(A) Sarcoidosis
(B) Reiter's Disease
(C) Bechet's Disease
(D) SLE
2. Two most important tests to be done in a comatose patient with blood glucose of 750mg/dl will be :
(A) Serum Creatinine and Blood pH
(B) CSF examination and Blood urea
(C) Blood pH and Serum sodium
(D) Serum Creatinine and CSF examination
3. Which of the following is the best localizing study for parathyroid adenoma ?
(A) CT Scan
(B) MRI Scan
(C) PET Scan
(D) Sestamibi Scan
4. Which of the following is the MOST common presentation of Neurocysticercosis ?
(A) Epilepsy
(B) Focal neurological deficits
5. Sickle cell anemia leads to the resistance towards :
(A) P. Falciparum
(B) P. Ovale
(C) P. Malariae
(D) P. Vivax
6. A patient presents with Thrombocytopenia, eczema and recurrent infection. The most probable diagnosis is :
(A) Chediak-Higashi Syndrome
(B) Wiskott-Aldrich Syndrome
(C) Job's syndrome
(D) Bruton's Agammaglobulinemia
7. ECG is poor in detecting ischemia in areas supplied by which of the following vessels ?
(A) Left Anterior Descending
(B) Left Circumflex
(C) Left Coronary Artery
(D) Right Coronary Artery
8. Round Pneumonia is seen with :
(A) Streptococcal Pneumonia
(B) Kerosene oil aspiration
(C) Lung cancer
(D) Mendelson syndrome

9. Bronchial asthma is best diagnosed by :
(A) Dyspnea and cough
(B) FEV1 values
(C) Demonstration of reversible obstruction
(D) Normal FEV1 values
10. Pulmonary hypertension in COPD is due to all except :
(A) Hypoxia
(B) Pulmonary vasoconstriction
(C) High lung volume
(D) Bronchoconstriction
11. The Diuretic Phase of Acute Renal Failure typically begins after :
(A) 1st day
(B) 3rd day
(C) 14th day
(D) 28th day
12. Disease that does not occur in the kidney after renal transplant is :
(A) Alport syndrome
(B) Amyloidosis
(C) Good Pasteur's syndrome
(D) Diabetic nephropathy
13. Hyperkeratosis of palm and sole is seen in :
(A) Carcinoma colon
(B) Hepatoma
14. The following is the least useful investigation in multiple myeloma :
(A) ESR
(B) X-ray
(C) Bone scan
(D) Bone marrow biopsy
15. A 60 year old man has h/o IHD and atherosclerosis. He presents with abdominal pain and maroon stools, the likely diagnosis is :
(A) Acute intestinal obstruction
(B) Acute mesenteric ischemia
(C) Peritonitis
(D) Appendicitis
16. 'Fir tree' type of distribution is seen in :
(A) Pityriasis Rosea
(B) Psoriasis
(C) Measles
(D) Secondary syphilis
17. Most characteristic feature of lichen planus is :
(A) Thinning of nail plate is most common
(B) Non-scarring alopecia
(C) Violaceous lesion on skin and mucous membrane
(D) Wickham striae

18. Folie a deux is seen in :

(A) Hysteria

(B) Depression

(C) OCD

(D) Paranoid

Codes : I II III IV

(A) 2 3 4 1

(B) 3 4 2 1

(C) 4 1 2 3

(D) 1 2 4 3

19. Match the following :

List - I

(Signs)

- (I) Double Density sign (1) Pericardial effusion
- (II) Auenbrugger's sign (2) Aortic regurgitation
- (III) Vitum's sign (3) Mitral stenosis
- (IV) Doroziez's sign (4) Tricuspid regurgitation

List - II

(Diseases)

21. In majority the commonest endometrial pattern in DUB is :

(A) Normal

(B) Hyperplastic with Swiss-cheese appearance

(C) Non-secretory

(D) Atropic

Codes :

I II III IV

(A) 2 1 4 3

(B) 4 3 1 2

(C) 1 4 2 3

(D) 3 1 4 2

22. The causes of dyspareunia in endometriosis is :

(A) Fixed Retroverted uterus

(B) Prolapsed fixed ovary

(C) Cervical / vaginal vault endometriosis

(D) None of the above

20. Match the following :

List - I

List - II

- (I) Brock's syndrome (1) Unstable Angina is
- (II) Brugada's syndrome is (2) Middle Lobe Bronchiectasis associated with
- (III) Gaisbock syndrome (3) Right Bundle Branch Block
- (IV) Wellen's syndrome (4) Spurious suggests Polycythemia

23. All are causes of primary amenorrhoea except :

(A) Mullerian agenesis

(B) Hypo-pituitarism

(C) Chronic an-ovulation

(D) Resistant ovarian syndrome

24. All are wrong about Tuberculosis except :
- (A) It involves extremes of age
 - (B) In 40-60% of cases the chief complaint is infertility
 - (C) Menorrhagia is most common complaint
 - (D) Thickening of broad ligament is present
25. Most common pure malignant germ cell tumour is :
- (A) Embryonal cell tumour
 - (B) Endodermal sinus tumour
 - (C) Dysgerminoma
 - (D) Chorio-carcinoma
26. Implantation occurs following fertilization on :
- (A) 5th day
 - (B) 6th day
 - (C) 7th day
 - (D) 8th day
27. All are the causes of recurrent intrauterine foetal death except :
- (A) Torch group of infections
 - (B) Maternal diabetes
 - (C) APLA syndrome
 - (D) Rh-isoimmunisation
28. Continued Pregnancy following threatened abortion is likely to have more incidence of following conditions except :
- (A) Premature labour
 - (B) Growth retardation of foetus
 - (C) Foetal malformation
 - (D) Abruptio-placenta
29. One the following not related to Secondary PPH (post-partum haemorrhage) is :
- (A) Retained bits of cotyledon
 - (B) Sepsis
 - (C) Poor healing of previous caesarean
 - (D) Morbid adherent placenta
30. When does an expectant mother feel quickening ?
- (A) 12-18 weeks
 - (B) 16-20 weeks
 - (C) 26 weeks
 - (D) 24-28 weeks
31. Appendicular Mass is formed in complication of :
- (A) Acute renal colic
 - (B) Intestinal obstruction
 - (C) Acute Appendicitis
 - (D) Gastritis

32. Dysphagia is associated with the disease of :
(A) Gall Bladder
(B) Lower G. I. Tract
(C) Upper G. I. Tract
(D) Urinary Bladder
33. Acute retention of Urine in 30 years old Male is due to :
(A) Cystitis
(B) Stone in the Kidney
(C) Urethral Stricture
(D) Inguinal Hernia
34. Haematuria is associated with disease of :
(A) Genital system
(B) G. I. System
(C) Respiratory system
(D) Excretory system
35. Obstructive Jaundice is due to :
(A) Viral Hepatitis
(B) Stone in Common Bile Duct
(C) Stone in Kidney
(D) Duodenal Ulcer
36. Epistaxis is a condition due to Bleeding from :
(A) Lung
(B) Stomach
(C) Ear
(D) Nose
37. Pyloric stenosis is a chronic complication of :
(A) Gall Bladder Stone
(B) Pancreatitis
(C) Duodenal Ulcer
(D) Renal Stone
38. Colles Fracture occurs in :
(A) Tibia
(B) Pelvic Bone
(C) Distal End of Radius
(D) Rib
39. Acute Pain in Abdomen with increase of Serum Amylase occurs in :
(A) Cholecystitis
(B) Intestinal Obstruction
(C) Cystitis
(D) Pancreatitis
40. Cardiospasm is a disease of :
(A) Heart
(B) Oesophagus
(C) Lung
(D) Stomach
41. Blood Transfusion is indicated in :
(A) Dehydration
(B) High Fever
(C) Blood Loss
(D) Severe cough

42. Ascitis due to Portal Hypertension occurs in the disease of :
(A) Stomach
(B) Liver
(C) Spleen
(D) Gall Bladder
43. Quinsy is a complication of :
(A) Acute Tonsillitis
(B) Acute Salpingitis
(C) Acute Gastritis
(D) Aphous Ulcer of Tongue
44. Goitre is a condition where there is enlargement of :
(A) Parotid gland
(B) Thyroid gland
(C) Neck gland
(D) Tonsil
45. Hydrocele occurs due to accumulation of Serous fluid in :
(A) Pleural cavity
(B) Peritoneal cavity
(C) Tunica Vaginalis
(D) Fallopian Tube
46. Which is not a correct statement among the following ?
(A) HIV is a RNA Virus and a retro virus also
(B) HIV infected people are most infectious during very early stage and when the infection is well advanced
- (C) Exposed adolescent girls and women above 45 years are more prone to get HIV infection
- (D) Presence of preexisting STDs reduces the chance of acquiring HIV infection
47. Which is a wrong statement among the following ?
(A) Obesity appears to play no role in Type I Diabetes Mellitus Pathogenesis
(B) Genetic Factors are important Modifiable Factor for Coronary Heart Disease
(C) Environmental Factors are most important Risk Factors for all Human Cancers
(D) "Rules of Halves" was Observed in Hypertension
48. Which one is the wrong among the following ?
(A) IEC – Information, Education and Communication
(B) BCC – Behavioral Changes Communication
(C) AFP – Acute Flaccid Polio
(D) PQLI – Physical Quality of Life Index

49. Which is not a correct statement among the following ?
- (A) Vitamin B₁₂ is not found in food of vegetable origin.
- (B) Vitamin D occurs only in food of animal origin.
- (C) "Parboiling" destroys nutritional value of Rice.
- (D) Cabbage and Cauliflower may contain Goitrogens.
50. Which one is not a correct match among the following ?
- (A) Odds Ratio – Case Control Study
- (B) Relative Risk – Cohort Study
- (C) Standard Deviation – Measures of Dispersion
- (D) Migration Study – Randomized Control Trial
51. Which is a wrong statement among the following ?
- (A) History of PID since last pregnancy is an absolute contraindication of IUD.
- (B) Liver disease is an absolute contraindication of combined OC pill.
- (C) "Target Couples" are part of "Eligible Couples".
- (D) "Billing Method" is a natural family planning method.
52. Which is not a correct match among the following ?
- (A) Presumptive Coliform Test – Bacteriological Surveillance of Water
- (B) Methylene Blue Reduction Test – Test of Pasteurized Milk
- (C) Soiling Index – Index of air pollution
- (D) Horrock's Apparatus – Estimation of Chlorine Demand of water.
53. Choose the most appropriate answer from the following :
- (I) The Antibody to Somatic (O) Antigen is usually higher in the Patient with the Disease.
- (II) The Antibody to Flagellar (H) Antigen is usually higher in immunized individuals.
- (III) The Vi Antibodies are usually present in chronic carrier.

- (IV) Typhidot and Typhidot-M are new Rapid and Reliable Diagnostic Tests for Typhoid.

Consider the following statements related to Typhoid :

- (A) Only (I) & (II) are correct
(B) Only (III) is wrong
(C) All are correct
(D) Only (IV) is correct

54. Find out the ODD Matching among the following ?

- (A) Mansonoides mosquito – Malayan (Brugian) Filariasis
(B) Yersinia pestis – Plague
(C) Phlebotomine Sandfly – Leishmaniasis
(D) Aedes aegypti – Dengue

55. Find out the wrong statement among the following ?

- (A) In Chickenpox the patient ceases to be infectious once the lesions have crusted.
(B) In Measles Virus are present in tears, nasal and throat secretion, urine and blood during prodromal phase and early eruptive phase.

- (C) Incubation period of Influenza is around 18 hours to 72 hours.
(D) Immunization against Diphtheria not only prevents the disease but also the development of its carrier state.

56. Which is a correct statement among the following ?

- (A) "Lead Time" means time gap between diagnosis by conventional method and by advanced method.
(B) "Median Incubation Period" means Time required for 50% of the cases to occur following exposure.
(C) "Window period" is the time gap between the positivity of HIV antigen and Antibody against HIV in blood.
(D) "Generation time" is the time gap between reception of infection and first production of antibody against the agent.

57. Which one is not a correct match ?

- (A) Henry Dunant – UNICEF
(B) Fracastorius – Theory of Contagion
(C) Neumann and Virchow – Social Medicine
(D) Lord Dowson – Health Centre

58. Which is not a correct statement among the following ?
- (A) Japanese Encephalitis is a Zoonotic Disease.
 - (B) Japanese Encephalitis is a Vector Borne Disease.
 - (C) Japanese Encephalitis is not a Vaccine Preventable Disease.
 - (D) Japanese Encephalitis is a Viral Disease.
59. Find out the incorrect statement among the following ?
- (A) Contaminated food and water are examples of "Fomites".
 - (B) "Droplet Nuclei" is a type of indirect Transmission.
 - (C) Conjugated Vaccines" elicit strong immune responses and immune memory in young children.
 - (D) Maximum Mutation occurs among polio viruses in OPV is Type 3.
60. Which is not a correct statement among the following ?
- (A) "Apgar Score" is taken at 1 minute and at 5 minute after birth.
 - (B) Early initiation of breast-feeding lowers the mother's risk of Postpartum Haemorrhage.
- (C) There is different Growth Chart for Boys and Girls.
- (D) Iron-Folic Acid Tablet supplied during Antenatal Care contains 100 mg Elemental Iron and 50 mcg Folic Acid.
61. In firearm injuries, the deviation between the long axis of the bullet and the axis of the path of the bullet is called :
- (A) Musket
 - (B) Yaw
 - (C) Cocking
 - (D) Buckshot
62. Medicolegal importance of cadaveric spasm is, it indicates :
- (A) Sudden death associated with great emotional tension
 - (B) Muscles in physical activity at the time of death
 - (C) Nature of death
 - (D) All of the above
63. Examples of expert witness can be :
- (A) Handwriting expert
 - (B) Ballistic expert
 - (C) Chemical examiner
 - (D) All of the above

64. In Kidnapping it is an offence to import into India from a foreign country a girl for illicit intercourse if her age is less than _____ years.
- (A) 16
(B) 21
(C) 18.
(D) 12
65. The process of aseptic autolysis of a foetus dead in uterus is known as :
- (A) Maceration
(B) Rigor Mortis
(C) Mummification
(D) None of the above
66. In a burning as a cause of death, among certain signs, one of is :
- (A) Cherry red colour of blood due to presence of carbon monoxide
(B) Vesicles contains air
(C) Bleeding
(D) Healing is nil
67. Examples of cognisable offence is :
- (A) Kidnapping
(B) Rape
(C) Murder
(D) All of the above
68. Several persons acting jointly and illegally to overpower an individual and hang him by means of a rope to a tree or some similar object is known as :
- (A) Lynching
(B) Chocking
(C) Throttling
(D) Smothering
69. Following absorption, the concentration of alcohol in blood reaches a maximum in about _____ after ingestion.
- (A) 15 to 30 minutes
(B) 30 to 40 minutes
(C) 40 to 90 minutes
(D) 90 to 120 minutes
70. _____ is known as ideal suicidal poison.
- (A) Arsenic album
(B) Dhatura
(C) Hydrocyanic acid and cyanides
(D) Sulphuric acid
71. Which of the following is not seen in Unconjugated hyperbilirubinemia ?
- (A) Increased serum bilirubin
(B) Increased bilirubin in urine
(C) Normal serum transaminase level
(D) Increased urobilinogen in urine

72. Which bacteria causes Toxic shock syndrome ?
(A) Streptococcus pyogens
(B) Pseudomonas
(C) Staphylococcus aureus
(D) Haemophilus
73. Only maternal immunoglobulin that is normally transported across the placenta :
(A) Ig A
(B) Ig E
(C) Ig M
(D) Ig G
74. Multifocal malignant proliferation of plasma cells is :
(A) Hamartoma
(B) Multiple myeloma
(C) Blastoma
(D) Choristoma
75. Curschmann's spirals can be seen in the mucous plugs of :
(A) Bronchial asthma
(B) Emphysema
(C) Chronic bronchitis
(D) Bronchiectasis
76. Epstein Barr Virus is associated with :
(A) Infectious Mononucleosis
(B) Burkitt's Lymphoma
77. Which among the following is not associated with Thalassaemia ?
(A) Microcytosis in Peripheral smear
(B) Decreased Haemoglobin
(C) Erythroid Hypoplasia of bone marrow
(D) Increased serum bilirubin
78. Amyloidosis is associated with :
(A) Alzheimer's disease
(B) Atherosclerosis
(C) Liver Cirrhosis
(D) All of the above
79. Rheumatic heart disease is caused by :
(A) Hyperlipidaemia
(B) Streptococcal infection
(C) Mitral stenosis
(D) Aortic stenosis
80. Lack of differentiation of cells seen in malignant tumor is :
(A) Hyperplasia
(B) Metaplasia
(C) Dysplasia
(D) Anaplasia

81. All are the muscles of mastication except:
(A) Temporalis
(B) Masseter
(C) Medial Pterygoid
(D) Platysma
82. Nerve supply of Extra ocular muscles :
(A) Oculomotor nerve
(B) Abducent nerve
(C) Trochlear nerve
(D) All of the above nerves
83. Which structure is not under cover of Deltoid ?
(A) Circumflex humeral nerve
(B) Circumflex humeral vessels
(C) Brachial artery
(D) Upper end of Humerus
84. Morula :
(A) 16 cell stage of developing embryo
(B) 4 cell stage of developing embryo
(C) 8 cell stage of developing embryo
(D) 32 cell stage of developing embryo
85. Haversion canal :
(A) Hunter's canal
(B) Bone
(C) Inguinal canal
(D) None of the above
86. Which is wrong in forming boundaries of Femoral triangle ?
(A) Medially by Lateral border of Adductor Longus
(B) Base by Poupart's ligament
(C) Apex formed by overlapping of Adductor longus and Sartorius
(D) Laterally by Medial border of Sartorius
87. All are ligaments of Hip joint except :
(A) Pubo-femoral ligament
(B) Ligamentum Teres
(C) Glenoidal labrum
(D) Ischio-femoral ligament
88. All are forming Stomach bed structures except :
(A) Left Kidney
(B) Right Supra Renal Gland
(C) Pancreas
(D) Transverse mesocolon
89. Mcburney's point :
(A) Junction between medial 1/3rd and lateral 2/3rd of a line connecting Umbilicus and Right anterior superior iliac spine
(B) Junction between medial 2/3rd and lateral 1/3rd of a line connecting Umbilicus and Right anterior superior iliac spine

- (C) Junction between medial 1/3rd and lateral 2/3rd of a line connecting Umbilicus and Left anterior superior iliac spine
- (D) Junction between medial 2/3rd and lateral 1/3rd of a line connecting Umbilicus and Left anterior superior iliac spine
90. Which is wrong about Superior Vena cava ?
- (A) Formed by the union of Right and Left Brachio-cephalic veins
- (B) Azygos vein is a tributary of superior venacava
- (C) Terminate in to Left Atrium
- (D) Its terminal part is enclosed by pericardium
91. Which of the following helps in blood clotting ?
- (A) Blood platelets
- (B) RBC
- (C) WBC
- (D) Iron
92. There are approximately _____ muscles in human body.
- (A) 206
- (B) 360
- (C) 500
- (D) 700
93. A colour blind person has difficulty in distinguishing between which colour ?
- (A) Green and Red
- (B) Blue and Black
- (C) Green and Violet
- (D) White and Yellow
94. Wisdom teeth normally grow during the age of :
- (A) 12-15 years
- (B) 15-30 years
- (C) 17-30 years
- (D) 30-40 years
95. The saliva helps in digestion of :
- (A) Fats
- (B) Fibres
- (C) Proteins
- (D) Starch
96. Blood does not coagulate inside body due to presence of :
- (A) Fibrin
- (B) Haemoglobin
- (C) Thromboplastin
- (D) Heparin

97. The marasmus is caused by deficiency of :
(A) Proteins
(B) Fats
(C) Irons
(D) Carbohydrates

98. Trypsin enzyme is found in :
(A) Bile Juice
(B) Pancreatic Juice
(C) Saliva
(D) Intestinal Juice

99. Kuffer cells are found in :
(A) Stomach
(B) Liver
(C) Kidney
(D) Heart

100. Scurvy is due to the deficiency of :
(A) Vitamin A
(B) Vitamin B
(C) Vitamin C
(D) Vitamin D

SPACE FOR ROUGH WORK

SEAL



TI-1A/18 (330)

(16)

Homoeopathic Medical Officer
(Paper – I)