

To be filled by the candidate)

Booklet S. No. \_\_\_\_\_

Roll No. (In figures) \_\_\_\_\_

Roll No. (In words) \_\_\_\_\_

Name of the Candidate : \_\_\_\_\_

Father's Name : \_\_\_\_\_

Center of Examination : \_\_\_\_\_

**Total No. of Questions : 50**

**Paper Code-2625**

**Name of Examination- Recruitment Examination of MO/CMO 2026**

**Time Allowed : 90 Minutes**

**Maximum Marks : 200**

**IMPORTANT NOTE:**

- (i) OMR Answer Sheet will be supplied by the Examination Centre Superintendent for answering the questions.
- (ii) Use **Blue/Black Ink/ Ball Pen only**, to darken the appropriate circle in the OMR Answer Sheet.
- (iii) Darken one circle deeply for each question in the OMR Answer Sheet, as faintly darkened circle might be rejected by the Optical Scanner.
- (iv) Darkening of more than one circle shall be rejected by the scanner. **Over-writing, cutting, erasing or use of White Fluid is not allowed.**
- (v) Before dealing with the question paper, fill-up the required information with Blue/Black Ball Pen correctly both in the Question Booklet and in the OMR Answer Sheet.
- (vi) Do not fold the OMR Answer Sheet nor put any mark here and there to avoid rejection by the Optical Scanner.
- (vii) Write Roll. No. carefully on the OMR Answer Sheet and darken the appropriate circle properly.
- (viii) **Each question carries Four (04) Marks while 1 mark shall be deducted for each incorrect response.**
- (ix) **Use of Calculator is not allowed.**
- (x) **No over-writing, cutting, erasing or use of white fluid is allowed.**
- (xi) Rough work be done on the sheet(s) at the end.
- (xii) **MOBILE TELEPHONES (EVEN ON SWITCH-OFF MODE) AND SUCH OTHER ELECTRONIC DEVICES ARE NOT ALLOWED INSIDE THE EXAMINATION HALL.**
- (xiii) The question paper-booklet will be retained by the candidate after the entrance test is over.



Q1. Number of pairs of spinal nerves:

- a. 30
- b. 31
- c. 32
- d. 33

Answer = B

Q2. Which of the following layers of scalp is known as dangerous area

- a. Periosteum
- b. Galea aponeurotica
- c. Loose areolar tissue
- d. Superficial fascia

Answer =C

Q3. The first reflex response to appear as spinal shock weans off in humans is

- a. Tympanic reflex
- b. Withdrawal reflex
- c. Neck righting reflex
- d. Labyrinthine reflex

Answer = B

Q4. Which of the following organs is not involved in calcium homeostasis?

- a. kidneys

b. skin

c. intestines

d. lungs

Answer = D

Q5. Amino acid that is used in heme synthesis :

- a. glutamine
- b. glutamate
- c. glycine
- d. histidine

Answer = C

Q.6 Tetany can result from all except?

- a. Hypocalcemia
- b. Vitamin C deficiency
- c. Alkalosis
- d. Hypomagnesemia

Answer =B

Q7. Which of the following drug is a long acting  $\beta_2$  agonist?

- a. Salbutamol
- b. Salmeterol
- c. Ipratropium

d. Terbutaline

Answer = B

Q 8. Amount of drug left after four plasma half lives

- a. 6.25%
- b. 12.5%
- c. 25%
- d. 50%

Answer = A

Q.9 Paraneoplastic syndrome is commonly seen with –

- a. Small cell carcinoma lung
- b. Colon adenocarcinoma
- c. Esophageal squamous cell carcinoma
- d. Retinoblastoma

Answer = A

Q10. An infant presented with mild anemia, jaundice and splenomegaly. CBC revealed spherocytosis with raised reticulocyte count. The condition is most likely caused by defective:

- a. Clathrin.
- b. Connexon.

c. Spectrin.

d. Tubulin.

Answer = C

Q11. As per BMW guidelines infectious soiled waste like bandages and plater should be disposed off in which bag

- a. Yellow
- b. Red
- c. Blue
- d. Green

Answer = A

Q12. Streptococcus pneumoniae on gram staining are

- a. Gram positive lanceolate diplococci
- b. Gram negative lanceolate diplococci
- c. Gram positive cocci arranged in grape like clusters
- d. Gram negative cocci arranged in chains

Answer = A

Q13. Maximum accuracy from identification can be obtained from which bone

- a. Pelvis
- b. Skull
- c. Femur
- d. Mandible

Answer = A

Q14. Greenish discoloration of blood superficial blood vessels in decomposition is due to

- a. Carboxyhemoglobin
- b. Methemoglobin
- c. Sulphmethemoglobin
- d. Deoxyhemoglobin

Answer = C

Q15. Which statistical test is used for comparing the means of more than two groups?

- a. Paired T-test
- b. ANOVA
- c. Chi square test
- d. T-test

Answer = B

Q16. A mother brought her six months old child to a health centre. She is worried about the growth of her child.

The best single measure for assessing the physical growth in this age is:

- a. Weight for age
- b. Height for age
- c. Chest circumference
- d. Mid upper arm circumference

Answer = A

Q17. Child presents to the OPD with fever, cough, coryza, lacrimation and redness of eyes. Small bluish white spots are present on buccal mucosa. 2 days later he develops dusky red macular rash. The probable diagnosis of the child is

- a. Mumps
- b. Smallpox
- c. Measles
- d. Chickenpox

Answer = C

Q18. A step down unit intermediate between ICU and normal ward is known as :

- a. Specialised ICU
- b. Sub-ICU
- c. HDU

d. CSSD  
Answer = C

Q.19. The most common cause of right-side heart failure is:

- a. Myocardial infarction
- b. Chronic obstructive pulmonary disease (COPD)
- c. Left-sided heart failure
- d. Pulmonary embolism

Answer = C

Q.20. Which acid-base disorder is commonly associated with chronic kidney disease?

- a. Metabolic acidosis
- b. Metabolic alkalosis
- c. Respiratory acidosis
- d. Respiratory alkalosis

Answer = A

Q.21. Pel Ebstein fever is seen in

- a. Hodgkin's lymphoma
- b. CML
- c. Infectious mononucleosis
- d. Blackwater fever

Answer = A

Q.22. Anti histone antibody is seen in

- a. Systemic sclerosis
- b. Drug induced lupus
- c. Autoimmune hepatitis
- d. Polymyositis

Answer = B

Q.23. Hepatic encephalopathy is precipitated by all except

- a. Hyperkalaemia
- b. Sedatives
- c. Constipation
- d. Upper GI bleeding

Answer = A

Q.24. What is the typical appearance of Crohn's disease on imaging?

- a. Lead pipe colon
- b. Cobblestone appearance
- c. Target sign
- d. Thumbprinting

Answer = B

Q.25. Third person hallucinations are often associated with

- a. Wernicke's encephalopathy

- b. Senile dementia
- c. Schizophrenia
- d. Parkinsonism

Answer = C

Q.26. Which of the following is a symptom of pheochromocytoma?

- a. Hypotension
- b. Hypertension
- c. Bradycardia
- d. Hypoglycemia

Answer = B

Q.27. Euglycemic ketoacidosis is a side effect of

- a. Metformin
- b. Insulin glargine
- c. Dapagliflozin
- d. Pioglitazone

Answer = C

Q28. Which is not assessed under IMCI in a 2-yr old child?

- a. Jaundice
- b. Diarrhoea

- c. HIV status of mother
- d. Ear pain/Discharge

Answer = A

Q29. A 10 yr old girl has been suffering from intermittent episodes of cough and

respiratory distress relieved by nebulisation and steroids given by local doctor. What would be most likely diagnosis?

- a. Pneumonia
- b. Asthma
- c. Large VSD
- d. Tuberculosis

Answer= B

Q30. What is correct nomenclature for a 2.05 kg newborn female born at 38 weeks gestation age?

- a. Preterm
- b. Low birth weight
- c. Large for gestation age
- d. Post dated

Answer = B

Q31. What is the second stage of wound healing?

- a. Proliferative
- b. Hemostasis
- c. Inflammatory
- d. Remodelling

Answer= C

Q32. Indirect inguinal hernia comes through

- a. Deep inguinal ring
- b. Superficial inguinal ring
- c. Posterior wall of inguinal canal
- d. All of above

Answer= A

Q33. Commonest position of appendix is

- a. Reterocaecal
- b. Pelvic
- c. Paracaecal
- d. Subcaecal

Answer= A

Q34. Cystic artery is a branch of

- a. Right gastric artery
- b. Right hepatic artery
- c. Gastroduodenal artery

- d. Splenic artery

Answer= B

Q35. Splenosis is the term used for

- a. Splenomegaly
- b. Accessory spleen
- c. Splenic Abscess
- d. splenic trauma and auto transplantation of splenic tissue

Answer= D

Q36. Peau d orange appearance in breast cancer comes in stage

- a. T1
- b. T2
- c. T3
- d. T4

Answer-=D

Q37. Renal cell carcinoma patients can present with

- a. Pain abdomen
- b. Hematuria
- c. PUO

d. All of above

Answer= D

Q38. Balanoposthitis is the inflammation of

- a. Prepuce and glans penis
- b. urethra
- c. Bartholin glands
- d. Prostate

Answer=A

Q 39. Involvement of all layers of skin .soft tissues and muscles in burns comes under thecategory

- a. 1 degree burns
- b. 2nd degree burns
- c. 3rd degree burns
- d. All of above

Answer= C

Q40. A patient with a mid-shaft humerus fracture develops wrist drop. The most likely nerve involved is:

- a. Median nerve
- b. Ulnar nerve
- c. Radial nerve
- d. Axillary nerve

Answer= C

Q41. Fat embolism syndrome is most commonly associated with fractures of:

- a. Tibia
- b. Pelvis
- c. Femoral shaft
- d. Radius

Answer = C

Q42. The earliest radiological sign of osteoarthritis is:

- a. Osteophyte formation
- b. Subchondral sclerosis
- c. Joint space narrowing
- d. Subchondral cyst

Answer= C

Q.43. An antenatal woman comes to OPD with positive urine for pregnancy test. HerLMP is 28/12/2024. What will be her EDOD?

- a. 5/10/25
- b.4/10/25
- c.5/9/25
- d.4/9/25

Answer = A

Q.44. A 36 weeks pregnant woman presents with hypertension, blurring of vision & headache. Her blood pressure is 174/110 mm of Hg. She is already on Tab Labetalol 100 mg TDS. How will you manage this patient?

- a. Admit the patient & start I/V antihypertensives
- b. Admit, start antihypertensives and MgSO<sub>4</sub>
- c. Admit, start antihypertensives & MgSO<sub>4</sub>, terminate the pregnancy
- d. Immediately start antihypertensives & MgSO<sub>4</sub>

Answer= C

Q.45. A 42 years old nulliparous female presents with complaints of generalized weakness and breathlessness. She was diagnosed as having multiple fibroids one year back. Among the following which is the classic symptom of uterine fibroid leading to her present condition?

- a. Heavy Menstrual bleeding
- b. Intermenstrual bleeding
- c. Postcoital bleeding
- d. Prolonged bleeding

Answer= A

Q.46. An 18-yr old girl presented to you in OPD with USG showing polycystic morphology. What is the triad for PCOS-

- a. Hirsutism, Amenorrhoea, PCOM
- b. Amenorrhoea, Raised BMI, Hirsutism
- c. Hyperandrogenism, Amenorrhoea, PCOM
- d. Irregular periods, Hirsutism, Polycystic ovary

Answer= C

Q.47. Himachal Pradesh was granted full statehood in which year?

- a. 1966
- b. 1971
- c. 1985
- d. 1956

Answer= B

Q.48. Which national park in Himachal Pradesh is a UNESCO World Heritage Site?

- a. Pin Valley National Park
- b. Great Himalayan National Park

c. Khirganga National Park

d. Simbalbara National Park

Answer =B

Q.49. The famous Minjar Festival is celebrated in which town?

a. Chamba

b. Kangra

c. Mandi

d. Una

Answer=A

Q50. Which is largest district of Himachal Pradesh by area?

a. Kangra

b. Kullu

c. Lahaul-Spiti

d. Chamba

Answer- C

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