

ATAL BIHARI VAJPAYEE MEDICAL UNIVERSITY, LUCKNOW
MBBS DEGREE - IInd PROFESSIONAL - REGULAR EXAMINATION - DEC
2024

PATHOLOGY - PAPER - II

SECTION A - Multiple Choice Questions (MCQs) SET : C

PAPER CODE : 2412130004

Note: Choose one correct answer in the OMR sheet provided. No overwriting should be done.

Time: 20 Minutes (20 x 1 = 20 MARKS)

1. Molluscum contagiosum is caused by:
 - a) A bacterium
 - b) A virus
 - c) A parasite
 - d) A fungus
2. The most common type of kidney stone is:
 - a) Struvite
 - b) Calcium oxalate
 - c) Cystine
 - d) Uric acid
3. Asteroid bodies are characteristically found in which of the following lung diseases?
 - a) Sarcoidosis
 - b) Silicosis
 - c) Tuberculosis
 - d) Asbestosis
4. The gold standard for diagnosing coronary artery disease (CAD) is:
 - a) Coronary angiography
 - b) Electrocardiogram
 - c) Cardiac MRI
 - d) Stress test
5. Lesion of thyroid with autoimmune etiology is:
 - a) Grave's thyroiditis
 - b) Hashimoto's thyroiditis
 - c) Riedel's thyroiditis
 - d) DeQuervain's thyroiditis
6. Gastric polyp having the highest malignant potential is:
 - a) Fundic gland polyp
 - b) Hyperplastic polyp
 - c) Inflammatory polyp
 - d) Adenomatous polyp

7. Libman-Sacks endocarditis is most commonly associated with:
 - a) Infective endocarditis
 - b) Systemic lupus erythematosus (SLE)
 - c) Aortic stenosis
 - d) Rheumatic fever
8. Nonalcoholic fatty liver disease (NAFLD) is primarily associated with:
 - a) Metabolic syndrome
 - b) Excessive alcohol consumption
 - c) Autoimmune liver disease
 - d) Viral hepatitis
9. Most common primary malignant brain tumor in adults is:
 - a) Astrocytoma
 - b) Glioblastoma multiforme
 - c) Oligodendroglioma
 - d) Meningioma
10. Alpha feto protein raised in which condition:
 - a) Mucinous cystadenocarcinoma
 - b) Malignant hypertension
 - c) Brenner tumor
 - d) Yolk sac tumor
11. A 25-year-old female presents with fever, joint pain, and a new heart murmur. Blood cultures are positive for *Streptococcus viridans*. This patient has which condition:
 - a) Pericarditis
 - b) Acute rheumatic fever
 - c) Myocarditis
 - d) Infective endocarditis
12. A 30-year-old female presents with dyspnea, Raynaud phenomenon, and pulmonary hypertension. ANA is positive. The diagnosis is:
 - a) Mixed connective tissue disease
 - b) Systemic lupus erythematosus
 - c) Rheumatoid arthritis
 - d) Systemic sclerosis
13. A tumor marker often elevated in ovarian cancer is:
 - a) AFP
 - b) CA125
 - c) PSA
 - d) CEA
14. Elevated p ANCA with eosinophilia is seen in:
 - a) Polyarteritis nodosa
 - b) Churg Strauss vasculitis
 - c) Wegener's granulomatosis
 - d) Microscopic polyangiitis

15. A 35-year-old woman presents with chronic diarrhea and malabsorption. Duodenal biopsy shows villous atrophy and crypt hyperplasia. Anti-tissue transglutaminase antibodies are positive. The most likely diagnosis is:
- Tropical sprue
 - Celiac disease
 - Whipple's disease
 - Crohn's disease
16. A characteristic histopathological feature of retinoblastoma is:
- Psammoma bodies
 - Flexner-Wintersteiner rosettes
 - Reed–Sternberg cells
 - Homer-Wright rosettes
17. A 60-year-old male presents with abdominal distension and jaundice. Ascitic fluid analysis shows a SAAG > 1.1 g/dL. The probable cause is:
- Pancreatic ascites
 - Peritoneal tuberculosis
 - Malignancy
 - Cirrhosis
18. Which of the following is the most common cause of nephrotic syndrome in children?
- Minimal change disease
 - Focal segmental glomerulosclerosis (FSGS)
 - IgA nephropathy
 - Membranous nephropathy
19. The common gene mutation associated with hereditary hemochromatosis is:
- BRCA1 gene
 - HFE gene
 - TP53 gene
 - CFTR gene
20. Loss of foot processes in the glomerulus is a characteristic feature of:
- Minimal change disease
 - Acute glomerulonephritis
 - Diabetic nephropathy
 - Chronic glomerulonephritis