| DPPP DAILY PRACTICE PROBLEMS | | | | | | | | |
|---------------------------------|--|--|---|--|--|--|--|--|
| | lass : XIIth ate : | | Sub DPP N | ject : BIOLOGY No. : 5 | | | | |
| | | 'opic :- Human H | | | | | | |
| 1. | | ased on magnetic resonance | | | | | | |
| | a) EEG | b) CT scanning | c) NMR scanning | d) PET scanning | | | | |
| 2. | statements is not co a) The chances of t b) The chances of t c) An infected moth feeding | ransmission from female to r ransmission are more if a pe ner can transmit the infectio racting <mark>infection from tr</mark> ansf | nale are twice as likely as fr rson suffers from other sexu n to her baby during pregna | om male to female ally transmitted infections ancy at child birth and by b | | | | |
| 3. | Amniocentesis is us a) Heart disease c) Hereditary disea | | b) brain disease d) All of the above | | | | | |
| 4. | the blank A,B and C (A) (A) (A) Virus inf | ects normal cell | irus in a host cell is shown. | Observe it carefully and fill | | | | |
| | Viral RNA is introduc in host cell B Viral RNA incorporate | | | | | | | |

nost genome CNew viruses are produced

a) A-Retrovirus, B-Viral DNA is produced, C-New viral RNA is produced

b) A-Transcriptase, B-Bacterial RNA is produced, C-New viral DNA is produced by the infected cell

c) A-Reverse transcriptase, B-Viral DNA is produced, C-New viral RNA is produced by the infected cell

d) A-Reverse transcriptase, B-Viral DNA is produced, C-New viral DNA is produced by the infected cell

| 5. | Most important compone a) LH | ent of oral contraceptive is b) GH | c) Thyroxine | d) Progesterone | | | | |
|-----|--|--|--|--|--|--|--|--|
| 6. | Which of the following normally confined to their original location and do not spread to other parts of the body? | | | | | | | |
| | a) Malignant tumour | b) Metastasis | c) Benign tumour | d) Cancer | | | | |
| 7. | Protein deficiency leads a) Kwashiorkor | to b) Marasmus | c) Cretinism | d) Both (a) and (b) | | | | |
| 8. | In AIDS, the system which show failure is | | | | | | | |
| | a) Digestive system | b) Respiratory system | c) Defence system | d) Sensory system | | | | |
| 9. | Cannabinoid are the grou a) Brain | up of chemicals, which inter b) Neuron | ract with cannabinoid rece c) Nephron | ptors present principally in d) Dendron | | | | |
| 10. | Histamines or other, infla a) Macrophages | ammation producing subst | ances are formed by c) Mast cells | d) Collagen tissue | | | | |
| 11. | Which group of three of th <mark>e following five s</mark> tatements (I-V) contains is correct regarding beri beri? I. A crippling disease prevalent among the native population of sub-Sahara Africa. II. A deficiency disease cau <mark>sed by lack of thi</mark> amine (vitamin-B ₁). | | | | | | | |
| | III. A nutritional disorder | | | tantly deficient in essential | | | | |
| | protein. IV. Occurs in those countri <mark>es wh</mark> ere the staple diet is polished rice. | | | | | | | |
| | | n <mark>from</mark> neuritis, paralysis, r | nuscle wasting, progressiv | e oedema, mental | | | | |
| | deterioration and finally a) I, II and IV | b) II, III and V | c) I,III and V | d) II, IV and V | | | | |
| 12. | Which of the following diseases is caused due to allergic reaction? | | | | | | | |
| | a) Leprosy | b) Typhoid | c) Asthma | d) Tetanus | | | | |
| 13. | Which of the following is a pair of viral diseases? a) Ringworm, AIDS c) Dysentery, common cold | | b) Common cold, AIDS d) Typhoid, tuberculosis | | | | | |
| 14. | 'Lock jaw' is another nan a) Malaria | ne of b) Kala-azar | c) Tetanus | d) Diphtheria | | | | |

| 15. | Choose the wrong statement regarding AIDS. a) AIDS is an immunodeficiency disease b) It is caused by the retrovirus HIV c) HIV selectively infects and kills B-lymphocytes d) Retroviruses have RNA genomes that replicate <i>via</i> DNA intermediate | | | | | | | | |
|-----|---|----------------|----|--|---------------------|--|--|--|--|
| 16. | | | | | | | | | |
| | Osteomalacia is a deficient a) Infants due to protein e | - | b) | b) adults due to protein energy malnutrition | | | | | |
| | c) Adults due to vitamin-D deficiency | | | d) Infants due to vitamin-K deficiency | | | | | |
| 17. | Study the following sentences.I. The cells of malignant tumours divide erratically.I. The cells of malignant tumours of epithelial cells.II. They are malignant tumours of epithelial cells.III. They are malignant tumours of organs that originate from mesoderm.IV. These tumours are found in organs such as spleen and lymph nodes.Which of the above are true for angiosarcoma?c) I and IId) II and III | | | | | | | | |
| 18. | 3. Spleen is a storage site for | | | | | | | | |
| 201 | a) Erythrocytes | b) Basophils | c) |) Platelets | d) Neutrophils | | | | |
| | | | | | | | | | |
| 19. | Tobacco contains | | | | | | | | |
| | a) Nicotine | b) Amphitamins | c) |) Carbon monoxide | d) Both (a) and (c) | | | | |
| 20. | The best HLA(Human Leucocyte Antigen) match for transplants in order of preference is | | | | | | | | |

- a) Parent>sibling>twin>unrelated donor
- b) Sibling> twin> Parent> unrelated donor
- c) twin> unrelated donor> parent> sibling d) Twin> sibling> Parent> unrelated donor