

ZILLA PANCHAYATH, TUMKUR

OFFICE OF THE DEPUTY DIRECTOR OF PUBLIC INSTRUCTION, TUMKUR (D)SOUTH

Class: 10 th

Multiple Choice Question

Code No.: 83K/E

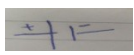
Time: 1hr.

Subject: SCIENCE (English Medium)

Max. Marks: 40

PRACTICE PAPER-2 (YEAR: 2020-21)

Four choices are given for each of the questions/Incomplete statements choose the correct answer and shade the correct choice in the OMR given to you with blue or black ball point pen :

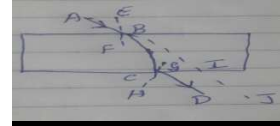
- 41) The acid produced in the stomach that helps in the digestion of food is
a) H_2SO_4 b) HCl c) HNO_3 d) H_3PO_4
- 42) In the reaction : $\text{ZnCl}_2 + \text{Cu} \rightarrow$
a) $\text{CuCl}_2 + \text{Zn}$ b) $\text{ZnCl}_2 + \text{Cl}_2$ c) CuZnCl_2 d) Reaction do not occur
- 43) is an example for Ionic compound
a) CCl_4 b) CH_4 c) NaCl d) CH_5Cl
- 44) is the protein present in the RBC which helps in transportation of oxygen
a) DNA b) Haemoglobin c) RNA d) Arteries
- 45) tissue transport water and mineral salts from root to different parts of the plant body
a) Xylem b) Phloem c) Stomata d) Root
- 46) The longest part of the neuron is
a) Dendrite b) Cell body c) Axon d) Nerve ending
- 47) The largest part of the brain is
a) Cerebellum b) Pons c) Cerebrum d) Medulla oblongata
- 48) The growth of pollen tubes towards ovules is an example for
a) Geotropism b) Hydrotropism c) Chemotropism d) Phototropism
- 49) Hormone regulate metabolism of carbohydrate, protein & fat
a) Growth b) Adrenaline c) Insulin d) Thyroxin
- 50) In an electric circuit the resistance of $3\ \Omega$ & $4\ \Omega$ are joined in series
a) $3\ \Omega$ b) $4\ \Omega$ c) $4.5\ \Omega$ d) $7\ \Omega$
- 51) According to Joule's law current (I)
a) V/R b) R/V c) VR d) $1/V$
- 52) In an circuit diagram  this symbol indicates
a) Electric bulb b) Ammeter c) Electric cell d) Galvanometer

- 53) Electric motor works on the principle of
- Right hand thumb rule
 - Fleming's left hand rule
 - Electromagnetic Induction
 - Fleming's right hand rule
- 54) is the device in the electric circuit that prevents damage to the appliances & the circuit due to preloading
- Live wire
 - Switch
 - Fuse
 - Resistor
- 55) The device used for producing electric current is called
- Generator
 - Galvanometer
 - Ammeter
 - Motor
- 56) The method of using the broken plastic bucket for other purpose
- Reduce
 - Repurpose
 - Reuse
 - Refuse
- 57) The chemicals responsible for the depletion of ozone layer is
- CFC's
 - CCF
 - HDFC
 - KDFC
- 58) is an example of saturated hydrocarbon
- Ethyne
 - Ethene
 - Ethane
 - propene
- 59) C_2H_5OH is an example for
- Aldehyde
 - Ester
 - Carboxylic acid
 - Alcohol
- 60) Propane has number of Carbons
- 2
 - 3
 - 4
 - 5
- 61) Alkenes & Alkynes undergoes
- Addition reaction
 - Condensation reaction
 - Elimination reaction
 - Substitution reaction
- 62) In an periodic table the atomic radii of an atoms the period
- Remains same
 - Increases
 - Decreases
 - Some time increases & some time decreases
- 63) belongs to 18th group
- Chlorine
 - Sodium
 - Neon
 - Copper
- 64) Reproductive part in plants is
- Leaves
 - Root
 - Stem
 - Flower
- 65) Sperms are produced in
- Ovary
 - Penal gland
 - Vas deferens
 - Testis
- 66) supplies nutrients to the growing embryo from the mother blood
- Placenta
 - Uterus
 - Intestine
 - Stomach

67) The phenomenon of bending of light as it passes from one transparent medium to another is

- a) Reflection of light b) Absorption of light c) Refraction of light d) scattering of light

68) Identify the Incident ray in the given figure



- a) CD b) EI c) AB d) IJ

69) In females the event that reflects onset of reproductive phase is

- a) Growth of body b) Changes in hair pattern
c) Change in voice d) Menstruation

70) Fruits are formed from

- a) Stamen b) Stigma c) Ovary d) Ovule

71) An element X reacts with oxygen & forms

X_2O_3 what is the valency of the element

- a) 2 b) 1 c) 3 d) 0

72) If a solution turns red litmus into blue, its pH value is

- a) 1 b) 4 c) 5 d) 10

73) "Acquired traits of an individual organism during its life time cannot direct evolution" because acquired traits

- a) Can be inherited b) Cannot be inherited
c) Are different d) Are same

74) Complete the given checkerboard of monohybrid cross

- a) TT T T t
b) Tt T TT Tt
c) tt t Tt
d) t t Tt

75) Homologous organs have

- a) Same structure & same function
b) Same structure & different function
c) Different structure & same function
d) Different structure & different function

76) The focal length of a convex lens is 100cm then its power will be

- a) +1D b) -1D c) +0.01D d) -0.01D

77) The biodiversity hot spot is found in

- a) River b) Forests c) Deserts d) Oceans

78) Following is a greenhouse gas.....

- a) Nitrogen oxide b) Sulphur dioxide
c) Carbon dioxide d) Carbon monoxide

79) A Solar water heater cannot be used to get hot water on.....

- a) A sunny day b) A cloudy day c) A hot day d) In summer

80) WATT is an SI unit of

- a) Electric current b) Electric charge
c) Electric potential difference d) Electric power
