

Set - 7 Full Length Test - 2026

By CEE Nepal Preparation

[Click to Join Our Facebook Group](#)

[Click to Join Our Facebook Page](#)

[Visit: krishrauniyar.com for Chapter-Wise Mcq Test](#)

☎ For any queries, contact us on WhatsApp: 9829269802

1 - 50 -> Physics

51 - 100 -> Chemistry

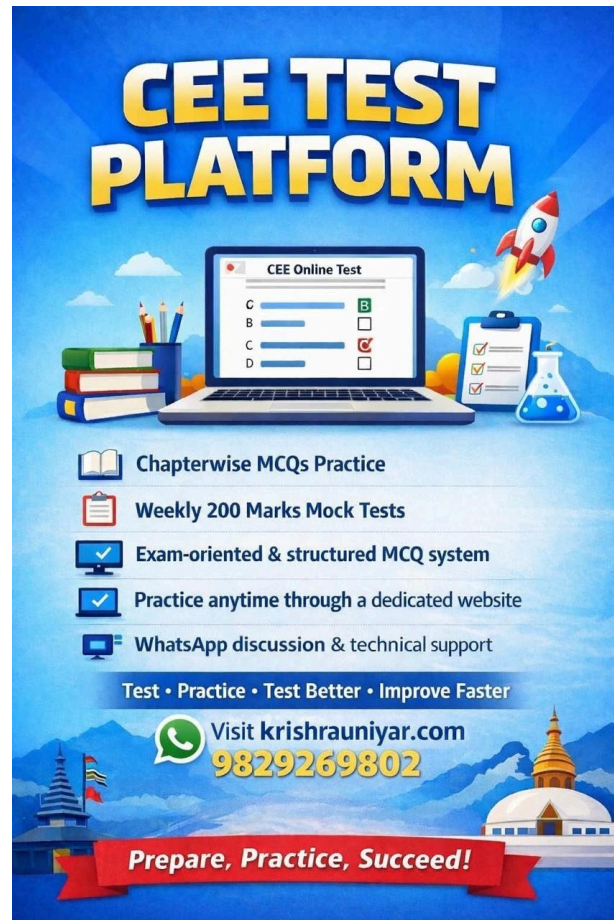
101 - 140 -> Botany

141 - 180 -> Zoology

181 - 200 -> MAT

* Indicates required question






CEE TEST PLATFORM



CEE TEST PLATFORM

CEE Online Test

C	<input type="checkbox"/>
B	<input type="checkbox"/>
C	<input checked="" type="checkbox"/>
D	<input type="checkbox"/>

-  Chapterwise MCQs Practice
-  Weekly 200 Marks Mock Tests
-  Exam-oriented & structured MCQ system
-  Practice anytime through a dedicated website
-  WhatsApp discussion & technical support

Test • Practice • Test Better • Improve Faster

Visit krishrauniyar.com
9829269802

Prepare, Practice, Succeed!

1. 1) Which of the following is a scalar quantity?

1 point

Mark only one oval.

- Displacement
- Electric field
- Acceleration
- Work

2. 2) A stone dropped from the top of the tower touches the ground in 4 sec. The height of the tower is about

1 point

Mark only one oval.

- 80m
- 40m
- 20m
- 160m

3. 3) A ball is projected with kinetic energy E at an angle of 45° to the horizontal. At the highest point during its flight, its kinetic energy will be

1 point

Mark only one oval.

- Zero
- $E/2$
- $E/\sqrt{2}$
- E

4. 4) The string of pendulum of length l is displaced through 90° from the vertical and released. Then the minimum strength of the string in order to withstand the tension, as the pendulum passes through the mean position is

1 point

Mark only one oval.

- mg
- $3mg$
- $5mg$
- $6mg$

5. 5) The upper half of an inclined plane of inclination A is perfectly smooth while the lower half is rough. A body starting from the rest at top comes back to rest at the bottom if the coefficient of friction for the lower half is given by

1 point

Mark only one oval.

- $\mu = \sin A$
- $\mu = \cot A$
- $\mu = 2\cos A$
- $\mu = 2\tan A$

6. 6) If the kinetic energy of a body becomes four times of its initial value, then new momentum will

1 point

Mark only one oval.

- Becomes twice its initial value
- Become three times its initial value
- Become four times its initial value
- Remain constant

7. 7)A missile is launched with a velocity less than the escape velocity. The sum of its kinetic and potential energy is: 1 point

Mark only one oval.

- Positive
- Negative
- Zero
- None

8. 8)A wire of length L and radius r is rigidly fixed at one end. On stretching the other end of the wire with a force F, the increase in its length is l. If another wire of same material but of length 2l and radius 2r is stretched with a force of 2F, the increase in its length will be 1 point

Mark only one oval.

- l
- 2l
- l/2
- 4l

9. 9)Two droplets merge with each other and forms a large droplet.In this process 1 point

Mark only one oval.

- Energy is liberated
- Energy is absorbed
- Neither liberated nor absorbed
- Some mass is converted into energy

10. 10)The period of a simple pendulum measured inside a stationary lift is found to be T. If the lift starts accelerating upwards with acceleration of $g/3$, then the time period of the pendulum is 1 point

Mark only one oval.

- $T/\sqrt{3}$
- $T/\sqrt{2}$
- $\sqrt{3} T/2$
- 3T

11. 11)A meter rod of silver at 0 °C is heated to 100 °C.It's length is increased by 0.19cm. Coefficient of cubical expansion of the silver rod is 1 point

Mark only one oval.

- $5.7 \times 10^{-5} / ^\circ\text{C}$
- $0.63 \times 10^{-5} / ^\circ\text{C}$
- $16.1 \times 10^{-5} / ^\circ\text{C}$
- $1.9 \times 10^{-5} / ^\circ\text{C}$

12. 12)A beaker contains 200gm of water.The heat capacity of the beaker is equal to that of 20gm of water. The initial temperature of water in the beaker is 20 °C. If 440gm of hot water at 92 °C is poured in it, the final temperature(neglecting radiation loss) will be nearest to 1 point

Mark only one oval.

- 58°C
- 68°C
- 73°C
- 78°C

13. 13) If temperature scale is changed from $^{\circ}\text{C}$ to $^{\circ}\text{F}$, the numerical value of specific heat will 1 point

Mark only one oval.

- Increases
- Decreased
- Remains unchanged
- None of above

14. 14) The first law of thermodynamics is concerned with the conservation of 1 point

Mark only one oval.

- Momentum
- Energy
- Mass
- Temperature

15. 15) During an isothermal expansion of an ideal gas 1 point

Mark only one oval.

- Its internal energy decreases
- Its internal energy does not change
- The work done by the gas is equal to the quantity of heat absorbed by it
- Both (b) and (c) are correct

16. 16) In Searle's method for finding conductivity of metals, the temperature gradient along the bar 1 point

Mark only one oval.

- Is greater nearer the hot end
- Is greater nearer to the cold end
- Is the smallest at all points along the bar
- Increases as we go from hot end to cold end

17. 17) Convergence of concave mirror can be decreased by dipping in 1 point

Mark only one oval.

- Water
- Oil
- Both
- None of these

18. 18) On heating a liquid, the refractive index generally 1 point

Mark only one oval.

- Decreases
- Increases or decreases depending on the rate of heating
- Does not change
- Increases

19. 19)Optical fibres are based on the principle of

1 point

Mark only one oval.

- Interference
- Dispersion
- Refraction
- Total internal reflection

20. 20)A concavo-convex lens of refractive index
- $5/3$
- has radii of curvature 30cm and 40cm.Its focal length will be

1 point

Mark only one oval.

- 60cm
- 90cm
- 120cm
- 180cm

21. 21)By Huygen's wave theory of light, we cannot explain the phenomenon of

1 point

Mark only one oval.

- Interference
- Diffraction
- photoelectric effect
- Polarisation

22. 22)Young's experiment establishes that

1 point

Mark only one oval.

- Light consists of waves
- Light consists of particles
- Light consists of neither particles nor wave
- Light consists of both particles and waves

23. 23)The temperature at which the speed of sound in air becomes double of its value at
- 27°C
- is

1 point

Mark only one oval.

- 927°C
- 54°C
- 327°C
- -123°C

24. 24)Tube A has both ends open while tube B has one end closed, otherwise they are identical.The ratio of fundamental frequency of tube A and B is

1 point

Mark only one oval.

- 1:2
- 1:4
- 2:1
- 4:1

27. 25) The velocity of transverse waves in a steel wire of density 8 gm/cm^3 is 300 m/s . Then the tensile stress in the wire will be 1 point

Mark only one oval.

- $6.4 \times 10^8 \text{ N/m}^2$
- $8 \times 10^8 \text{ N/m}^2$
- $7.2 \times 10^8 \text{ N/m}^2$
- $3.2 \times 10^8 \text{ N/m}^2$

26. 26) One of the following is not a property of electric field lines 1 point

Mark only one oval.

- field lines are continuous curves without any breaks
- two field lines cannot cross each other
- Field lines start at positive charge and end at negative charge
- they form close loops

27. 27) Work done in moving a very large negative charge from one point to another in an equipotential surface 1 point

Mark only one oval.

- negative
- positive
- zero
- infinite

28. 28) In a parallel plate capacitor, the capacity increases if 1 point

Mark only one oval.

- area of the plate is decreased
- distance between the plates increases
- area of the plates increases
- dielectric constant decreases

29. 29) Drift velocity V_d varies with the intensity of electric field as per the relation 1 point

Mark only one oval.

- $V_d \propto E$
- $V_d \propto 1/E$
- $V_d = \text{constant}$
- $V_d \propto E^2$

30. 30) Three resistors each of $2\ \Omega$ are connected together in a triangular shape. The resistance between any two vertices will be 1 point

Mark only one oval.

- $4/3\ \Omega$
- $3/4\ \Omega$
- $3\ \Omega$
- $6\ \Omega$

31. 31) If the length of potentiometer wire is increased, then the length of the previously obtained balance point will 1 point

Mark only one oval.

- increase
- Decrease
- Remain unchanged
- Become two time

32. 32) If two bulbs of wattage 25 and 100 respectively each rated at 220 volt are connected in series with the supply of 440 volt, then which bulbs will fuse 1 point

Mark only one oval.

- 25 W bulb
- 100 W bulb
- none of them
- both of them

33. 33) The deflection in a moving coil galvanometer is 1 point

Mark only one oval.

- Directly proportional to the torsional constant
- Directly proportional to the number of turns in the coil
- Inversely proportional to the area of the coil
- Inversely proportional to the current flowing

34. 34) A dip circle is at right angle to the magnetic meridian. What will be the apparent dip 1 point

Mark only one oval.

- 0°
- 30°
- 60°
- 90°

35. 35) Lenz's law gives 1 point

Mark only one oval.

- The magnitude of the induced e.m.f
- The direction of the induced current
- Both the magnetic and direction of the induced current
- The magnitude of the induced current

36. 36) In a transformer 220 ac voltage is increased to 2200 volts. If the number of turns in the secondary are 2000, then the number of turns in the primary will be 1 point

Mark only one oval.

- 200
- 100
- 50
- 20

37. 37)The power factor of a good choke coil is 1 point

Mark only one oval.

- Nearly Zero
- Exactly zero
- Nearly zero
- Exactly one

38. 38)When electron beam passes through an electric field, they gain kinetic energy. If the same beam passes through magnetic field, then 1 point

Mark only one oval.

- Their energy increases
- Their momentum increases
- Their potential energy increases
- Energy and momentum in magnitude both remains unchanged

39. 39)The de-Broglie wavelength associated with an electron having kinetic energy E is given by the expression 1 point

Mark only one oval.

- $h/\sqrt{2mE}$
- $2h/mE$
- $2mhE$
- $2\sqrt{2mE}/h$

40. 40)Threshold frequency for a metal is 10^{15} Hz light of $\lambda=4000\text{\AA}$ falls on its surface.What of the following statements is correct? 1 point

Mark only one oval.

- No photoelectric emission takes place
- Photoelectrons come out with zero speed
- Photoelectrons come out with 10m/sec speed
- Photoelectrons come in with 10m/sec speed

41. 41)Penetrating power of X-rays depends on 1 point

Mark only one oval.

- Current flowing in the filament
- Applied potential difference
- Nature of the target
- All the above

42. 42)The ratio of the energies of the hydrogen atom in its first to second excited state is 1 point

Mark only one oval.

- 1/4
- 4/9
- 9/4
- 4

43. 43)Rate of decay of atoms of a radioactive sample is proportional to 1 point

Mark only one oval.

- Half life
- No. of undecayed atom
- No. of decayed atom
- The no. of nucleon in atom

44. 44)The valence of the impurity atom that is to be added to germanium crystal so as to make it a N-type semiconductor, is 1 point

Mark only one oval.

- 6
- 5
- 4
- 3

45. 45)Silicon is a semiconductor. If a small amount of As is added to it, then its electrical conductivity 1 point

Mark only one oval.

- Decreases
- Increases
- Remain unchanged
- Become zero

46. 46)Forward biasing of p-n junction offers 1 point

Mark only one oval.

- high resistance
- low resistance
- Zero resistance
- Infinite resistance

47. 47)The logic behind 'NOR' gate is that it gives 1 point

Mark only one oval.

- High output when both the inputs are low
- Low output when both the inputs are low
- High output when both the inputs are high
- None of these

48. 48)Which of the following planets have rings around it? 1 point

Mark only one oval.

- Uranus
- Mars
- Jupiter
- Saturns

49. 49)The energy in a star due to

1 point

Mark only one oval.

- Fission reaction
- Fusion reaction
- Chemical reaction
- Nuclear holocaust

50. 50)The intensity scale of the earthquake is called

1 point

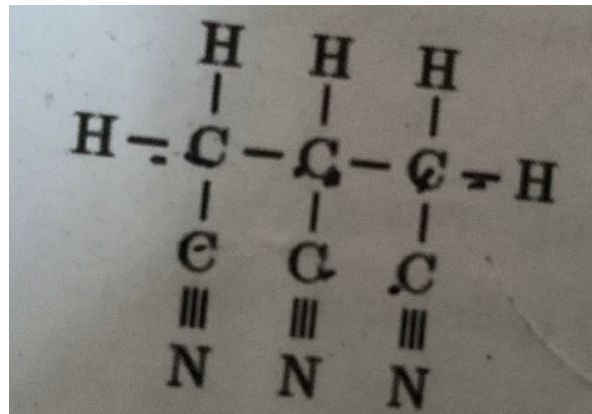
Mark only one oval.

- Modified mercalli scale
- Ritchar scale
- Number scale
- None of these

CHEMISTRY

51. 51)The IUPAC name of following compound is:

1 po

*Mark only one oval.*

- 1,2,3-Tricyanopropane
- Propane-1,2,3-tricarbonitrile
- 1,2,3-Cyanopropane
- propane tricarbylamine

52. 52)Optical isomerism is a type of...

1 point

Mark only one oval.

- Metamerism
- Stereoisomerism
- Geometrical isomerism
- Tautomerism

53. 53) Which one of the following has most acidic α -hydrogen atom? 1 point

Mark only one oval.

- CH₃CHO
- CH₃COCH₃
- CH₃COCH₂COOC₂H₅
- CH₃COCH₂CHO

54. 54) The final product formed when ethylene bromide is treated with excess of alcoholic KOH is: 1 point

Mark only one oval.

- ethylene
- Ethane
- Ethyne
- Vinyl bromide

55. 55) Which of the following reactions is an example of a nucleophilic acyl substitution? 1 point

Mark only one oval.

- Friedel-Crafts reaction
- Grignard reaction
- Esterification
- Hydrogenation

56. 56) Which of the following is an example of a thermoplastic? 1 point

Mark only one oval.

- Bakelite
- Epoxy
- Nylon
- Melamine

57. 57) Which of the following is a characteristic reaction of aldehyde and ketones with ammonia derivatives? 1 point

Mark only one oval.

- Oxidation
- Reduction
- Nucleophilic addition
- Electrophilic substitution

58. 58) $C_2H_5NH_2 + CHCl_3 + 3KOH \rightarrow X + Y + 3H_2O$; Compounds X and Y are: 1 point

Mark only one oval.

- CH₃CN AND KCl
- C₂H₅NC AND KCl
- CH₃CONH₂ AND KCl
- CH₃NC AND K₂CO₃

59. 59) The hydrolysis of the addition product of acetone and methyl magnesium iodide gives... 1 point

Mark only one oval.

- ethyl alcohol
- isopropyl alcohol
- tert-Butyl alcohol
- phenol

60. 60) AgNO_3 does not give precipitate with chloroform because: 1 point

Mark only one oval.

- CHCl_3 is Insoluble in water
- CHCl_3 does not ionize in water
- CHCl_3 is an organic compound
- AgNO_3 is insoluble in CHCl_3

61. 61) When a primary amine reacts with chloroform in alcoholic KOH, then the product is: 1 point

Mark only one oval.

- An isocyanide
- An aldehyde
- a cyanide
- An alcohol

62. 62) Baeyer's reagent is used in the laboratory for: 1 point

Mark only one oval.

- Detection of double bonds
- Detection of glucose
- Reduction
- Oxidation

63. 63) The order of stability of carbanions is: 1 point

Mark only one oval.

- $\text{CH}_3 > 1^\circ > 2^\circ > 3^\circ$
- $3^\circ > 2^\circ > 1^\circ > \text{CH}_3$
- $3^\circ > 1^\circ > 2^\circ > \text{CH}_3$
- $2^\circ > 3^\circ > 1^\circ > \text{CH}_3$

64. 64) The group named as benzal processes...nature. 1 point

Mark only one oval.

- Monovalent
- Bivalent
- Trivalent
- tetravalent

65. 65) Which of the following compound is yielded from the reduction of nitroalkanes? 1 point

Mark only one oval.

- Amine
- Acid
- Diazo compounds
- Alcohol

66. 66) 2-pentanone and 3-pentanone can be distinguished by which of the following? 1 point

Mark only one oval.

- Tollen's reagent
- Fehling's solution
- Schiff's test
- Iodoform test

67. 67) The reverse of esterification is: 1 point

Mark only one oval.

- acidolysis
- tran-esterification
- ester hydrolysis
- Neutralisation

68. 68) Which of the following is not an antipyretic? 1 point

Mark only one oval.

- Aspirin
- Paracetamol
- Barbituric acid
- Phenacetin

69. 69) Which among of the following gases is most readily soluble in water under ordinary conditions? 1 point

Mark only one oval.

- NH₃
- CO₂
- H₂S
- N₂

70. 70) In which of the following species carbon is not sp³ hybridized? 1 point

Mark only one oval.

- CH₃OH
- Diamond
- Propane
- Vinyl chloride

71. 71) The rate of reaction, $A+B \rightarrow \text{products}$ is given by the equation, $r=k[A]^2[B]$. If B is taken large excess, the order of the reaction would be: 1 point

Mark only one oval.

- 2
- 1
- 0
- unpredictable

72. 72) Which of the following is a cathodic reaction? 1 point

Mark only one oval.

- $Fe^{2+} \rightarrow Fe^{3+}$
- $4OH \rightarrow 2H_2O + O_2$
- $2H_2O \rightarrow 2OH^- + H_2$
- $2SO_4^{2-} \rightarrow S_2O_8^{2-}$

73. 73) Which of the following properties of an element is always negative? 1 point

Mark only one oval.

- IE1
- IE2
- EA1
- EA2

74. 74) For exothermic reactions to be spontaneous 1 point

Mark only one oval.

- Temperature should be high
- Temperature should be $0^\circ C$
- Temperature should be low
- Temperature should be above 373K

75. 75) In the reaction, $AlCl_3 + Cl^- \rightarrow AlCl_4^-$, $AlCl_3$ acts as a 1 point

Mark only one oval.

- Lewis acid
- Lewis base
- Salt
- Bronsted base

76. 76) A monoprotic acid in a 0.1M solution ionizes to 0.001%. Its ionization constant is 1 point

Mark only one oval.

- 1.0×10^{-3}
- 1.0×10^{-6}
- 1.0×10^{-8}
- 1.0×10^{-11}

77. 77) For which of the following reaction $K_p = K_c$?

1 point

Mark only one oval.

- $N_2(g) + 3H_2(g) \leftrightarrow 2NH_3(g)$
- $2NOCl(g) \leftrightarrow 2NO(g) + Cl_2(g)$
- $H_2(g) + I_2(g) \leftrightarrow 2HI(g)$
- $N_2O_4(g) \leftrightarrow 2NO_2$

78. 78) The magnetic quantum number of an atom is related to the

1 point

Mark only one oval.

- Size of the orbital
- Spin angular momentum
- Orbital angular momentum
- Orientation of the orbital in space

79. 79) For a real gas, deviations from ideal gas behaviour are maximum at:

1 point

Mark only one oval.

- -10°C and 5.0 atm
- -10°C and 2.0 atm
- 0°C and 1.0 atm
- 100°C and 2.0 atm

80. 80) The maximum number of electrons in a p-orbital with $n=6$ and $m=0$ can be?

1 point

Mark only one oval.

- 2
- 6
- 10
- 14

81. 81) Among HX, maximum dipole moment is of:

1 point

Mark only one oval.

- HI
- HCl
- HBr
- HF

82. 82) Which molecule is planar?

1 point

Mark only one oval.

- NH_3
- CH_4
- C_2H_4
- $SiCl_4$

83. 83) Volume of 0.1M $K_2Cr_2O_7$ required to oxidise 35mL of 0.5M $FeSO_4$ solution is 1 point

Mark only one oval.

- 29.2mL
- 17.5mL
- 175mL
- 145mL

84. 84) In which case is number of molecules of water maximum? 1 point

Mark only one oval.

- 0.00223L of water vapours at 1 atm and 273K
- 00.18g of Water
- 18mL water
- 10^{-3} mol of water

85. 85) The electrolyte in lead storage battery is: 1 point

Mark only one oval.

- Pb-rod
- Pb rod coated with PbO_2
- H_2SO_4
- $PbSO_4$

86. 86) The time for a half-life of a first order reactions is 1hr. What is the time taken for 87.5% completion of the reaction? 1 point

Mark only one oval.

- 3 hr
- 1hr
- 2hr
- 4hr

87. 87) An example of double salt is: 1 point

Mark only one oval.

- Bleaching powder
- $K_4[Fe(CN)_6]$
- Hypo
- Potash alum

88. 88) What happens to the metallic character of elements when you move from left to right of the periodic table? 1 point

Mark only one oval.

- Decrease
- Increase
- Initially increases and after that decreases
- Remain constant

89. 89) Important ore of Zinc is:

1 point

Mark only one oval.

- Calamine
- Cryolite
- Cassiterite
- Malachite

90. 90) If HNO_3 changes into N_2O , the oxidation number is changed by

1 point

Mark only one oval.

- 2
- 6
- 0
- +4

91. 91) Which of the following has pπ-dπ bonding?

1 point

Mark only one oval.

- NO_3^-
- SO_3^{2-}
- BO_3^{3-}
- CO_3^{2-}

92. 92) Which of the following oxides of nitrogen is the anhydride of nitrous acid?

1 point

Mark only one oval.

- NO
- N_2O_3
- N_2O_4
- N_2O_5

93. 93) Which of the following is a weak acid?

1 point

Mark only one oval.

- HCl
- HBr
- HF
- HI

94. 94) Oxone which is used to bleach delicate fiber is mixture of

1 point

Mark only one oval.

- Na_2O_2 and diluted HCl
- Mixture of Na_2CO_3 , NaHCO_3 and H_2O_2
- Mixture of H_2O_2 and NaHCO_3
- Mixture of H_2O_2 and Na_2O_2

95. 95)Aqua regia is a mixture of:

1 point

Mark only one oval.

- 3HCl+1HNO₃
- 1HCl+3HNO₃
- 3HNO₃+1H₂SO₄
- 3H₂SO₄+1HNO₃

96. 96)Impurities physically associated with minerals are:

1 point

Mark only one oval.

- slag
- flux
- alloy
- matrix

97. 97)The inert form of carbon is:

1 point

Mark only one oval.

- diamond
- graphite
- coal
- Charcoal

98. 98)A gas reacts with CaO,but not with NaHCO₃.The gas is

1 point

Mark only one oval.

- CO₂
- Cl₂
- N₂
- O₂

99. 99)By which of the following SO₂ is formed?

1 point

Mark only one oval.

- Reaction of dil.H₂SO₄ with O₂
- Hydrolysis of dil.H₂SO₄
- Reaction of conc.H₂SO₄ with cu
- None of these

100. 100)Which one is most stable to heat?

1 point

Mark only one oval.

- HClO
- HClO₂
- HClO₃
- HClO₄

BOTANY

101. 101)Common in prokaryotes and eukaryotes:

1 point

Mark only one oval.

- Nucleus
- Nucleolus
- Ribosome
- Mitochondria

102. 102)Number of gametes that can be obtained from AaBBCc.

1 point

Mark only one oval.

- 4
- 6
- 8
- 12

103. 103)A man whose father was colour blind and mother is normal marries a women who had a colour blind mother and normal father.what percentage of male children of this couple will be colour blind?

1 point

Mark only one oval.

- 25%
- 50%
- 75%
- 100%

104. 104)Endosperm by fusion of male gamete(AA) and female gamete(aa) in an angiospermic plant:

1 point

Mark only one oval.

- Aaa
- AAa
- AAA
- aaa

105. 105)Which of the following doesn't cause variation?

1 point

Mark only one oval.

- Mutation
- Crossing over
- Linkage
- Independent assortment

106. 106)Which pigment is dominant in red algae?

1 point

Mark only one oval.

- Chl.a
- Chl.b
- Phycoerythrin
- Fucoxanthin

107. 107) Fern prothallus is:

1 point

Mark only one oval.

- Haploid
- Diploid
- Haplodiploid
- Polyploid

108. 108) Zygosporangium of Spirogyra is:

1 point

Mark only one oval.

- Haploid
- Diploid
- Haplo-diploid
- Diplo-Diploid

109. 109) Part of plant used in tissue culture is:

1 point

Mark only one oval.

- In plant
- Out plant
- Callus
- Explant

110. 110) Hormone that causes rooting:

1 point

Mark only one oval.

- Auxin
- Cytokinin
- Gibberellin
- ABA

111. 111) Lichens are pioneer community of:

1 point

Mark only one oval.

- Hydrosere
- Lithosere
- Psammisere
- Xerosere

112. 112) Conjoint bicollateral vascular bundle is present in:

1 point

Mark only one oval.

- Malvaceae
- Leguminosae
- Compositae
- Cucurbitaceae

113. 113) Transpiration is increased due to

1 point

Mark only one oval.

- Light intensity
- low temperature
- High humidity
- Decrease in wind velocity

114. 114) PH of acid rain:

1 point

Mark only one oval.

- 5.5-7
- 3-4.5
- 7
- 8

115. 115) In glycolysis, a glucose molecule produces:

1 point

Mark only one oval.

- 2 pyruvic acid
- Acetyl CoA
- 4 ATP
- CO₂

116. 116) Turpentine oil is obtained from:

1 point

Mark only one oval.

- Cycas
- Pinus
- Ficus
- Fungi

117. 117) All carbohydrates are:

1 point

Mark only one oval.

- Pentose and hexose
- Aldose and ketose
- Deoxyribose and ribose
- Amine and carboxy group

118. 118) Which of the following is false for Solanaceae?

1 point

Mark only one oval.

- Persistent septal
- Epipetalous stamen
- Swollen placenta
- Unilocular ovary

119. 119)Sporophyte of Marchantia is:

1 point

Mark only one oval.

- parasitic
- Saprophytic
- Free living
- Autotropic

120. 120)Process of conversion of atmospheric N₂ to form usable by plants is called:

1 point

Mark only one oval.

- Ammonification
- Nitrification
- Denitrification
- Nitrogen Fixation

121. 121)Transgenic plant developed to prevent vit.A deficiency is:

1 point

Mark only one oval.

- Corn
- Tomato
- Potato
- Golden rice

122. 122)Histone protein is:

1 point

Mark only one oval.

- Acidic
- Basic
- Neutral
- Amphoteric

123. 123) End product of oxidative phosphorylation

1 point

Mark only one oval.

- ATP and H₂O
- ATP
- ATP,NADH₂ AND H₂O
- NADH₂

124. 124) Cork,cork cambium and secondary cortex are collectively called as:

1 point

Mark only one oval.

- Phellem
- phellogen
- phelloderm
- periderm

125. 125) Innermost layer of microspore mother cell: 1 point

Mark only one oval.

- Epidermis
 Integument
 Tapetum
 Endothecium

126. 126) Codon for rRNA is CUA. The anti-codon for tRNA is: 1 point

Mark only one oval.

- CUA
 AUC
 GAU
 GAT

127. 127) Invert sugar contains 1 point

Mark only one oval.

- Glucose and sucrose
 Glucose and fructose
 Glucose only
 Sucrose only

128. 128) Genetic drift: 1 point

Mark only one oval.

- Occurs in small population
 Occurs in large population
 Occurs in newly formed population
 Occurs in old population

129. 129) Herkogamy is: 1 point

Mark only one oval.

- Male and female matures at different time
 Male mature before female
 Prefer not to say
 Natural barrier developed between anther and stigma to prevent self pollination

130. 130) If the percentage of A is 30%, What would be the percentage of C? 1 point

Mark only one oval.

- 20%
 70%
 50%
 25%

131. 131) During G1 phase, amount of DNA = 1.28×10^{-12} gm then amount of DNA at the end of G2 phase is: 1 point

Mark only one oval.

- 1.28×10^{-12} gm
- 0.64×10^{-12} gm
- 2.56×10^{-12} gm
- 1.28×10^{-6} gm

132. 132) Which of the following is wrong? 1 point

Mark only one oval.

- Oxidative decarboxylation=mitochondria
- Photosynthesis=chloroplast
- Golgi body=protein synthesis
- Lysosome=Sucidal bag

133. 133) Number of generation needed to divide mitotically to form 32 cells is: 1 point

Mark only one oval.

- 3
- 4
- 6
- 5

134. 134) Crossing over takes place in 1 point

Mark only one oval.

- Sister chromatids of homologous chromosome
- Non-sister chromatids of homologous chromosomes
- Sister chromatids of non-homologous
- Non-sister chromatids of non-homologous chromosomes

135. 135) Absence of a chromosome from diploid organism 1 point

Mark only one oval.

- Monosomy
- Disomy
- Trisomy
- Nullisomy

136. 136) Individual having same alleles for a gene is known as: 1 point

Mark only one oval.

- Homozygous
- Heterozygous
- Hemizygous
- Azygous

137. 137) Glucose units in amylose of starch are joined by; 1 point

Mark only one oval.

- Glycosidic bond
- Peptide bond
- Ester bond
- phosphodiester bond

138. 138) Area in which a species can live its best life and reproduce is 1 point

Mark only one oval.

- Niche
- population
- Community
- Habitat

139. 139) Which term best describes the transfer of energy and nutrients through an ecosystem's interconnected sequences of organism? 1 point

Mark only one oval.

- Food web
- Trophic position
- Biotic interaction
- Food chain

140. 140) Maximum amount of water moves from root to tip of plant due to: 1 point

Mark only one oval.

- Transpiration pull
- Capillarity
- Root pressure
- Imbibition

ZOOLOGY

141. 141) In high altitude, erythrocytes: 1 point

Mark only one oval.

- Increase in size
- Increase in number
- Decrease in size
- Decrease in number

142. 142) A zoology professor found an invertebrates animal which was triploblastic, bilaterally, symmetrical and coelomate. What additional feature must be shown by the organism to distinguish it as an arthropod? 1 point

Mark only one oval.

- presence of wings
- presence of antenna
- presence of shell
- presence of jointed appendages

143. 143)A man used to feel itch in his anal region specially during the night.He might be infected by:

1 point

Mark only one oval.

- Tapeworm
- Hookworm
- Roundworm
- Pinworm

144. 144)Which vitamin helps in maturation of erythrocytes?

1 point

Mark only one oval.

- vitamin A
- vitamin B12
- vitamin C
- vitamin D

145. 145) Which of the following is a sexually transmitted disease?

1 point

Mark only one oval.

- Hepatitis A
- Hepatitis B
- Hepatitis C
- Hepatitis D

146. 146)Epithelium forming the inner layer of urinary bladder is:

1 point

Mark only one oval.

- simple squamous
- simple columnar
- Transitional
- Neurosensory

147. 147)Pseudostatified epithelium is present in:

1 point

Mark only one oval.

- Alveoli
- Trachea
- Urinary bladder
- Pharynx

148. 148)In earthworm,setae are absent in:

1 point

Mark only one oval.

- First segment
- Last segment
- Clitellum
- First segment,last segment and clitellum

149. 149) Water vascular system is present in: 1 point

Mark only one oval.

- Coelenterata
- Porifera
- Mollusca
- Echinodermata

150. 150) Animals in a higher invertebrate phylum contain a rasping organ in their mouth, mainly associated with processing of food. Identify the organ. 1 point

Mark only one oval.

- Radula
- Medulla
- Gizzard
- Ctenidia

151. 151) First enterocoelomic phylum is 1 point

Mark only one oval.

- Aschelminthes
- Mollusca
- Chordata
- Echinodermata

152. 152) Which of the following cranial nerves has the highest branching? 1 point

Mark only one oval.

- Facial
- Abducens
- Vagus
- Glossopharyngeal

153. 153) Among the following, which had a major role in human evolution? 1 point

Mark only one oval.

- Agriculture
- Proper use of fire
- Cave painting
- Living in group

154. 154) Major drawback of Darwinism: 1 point

Mark only one oval.

- Survival of fittest
- Variation
- Struggle for existence
- Natural selection

155. 155) Similarity between human and earthworm is, being 1 point

Mark only one oval.

- Ureotelic
- Uricotelic
- Ammonotelic
- Nephrotelic

156. 156) Vitamin C acts as: 1 point

Mark only one oval.

- Agent for integrity of epithelium
- Blood clotting agent
- Antioxidant
- Enzyme for RBC production

157. 157) Set of viral diseases is: 1 point

Mark only one oval.

- Mumps and Rabies
- Typhoid and tetanus
- TB and cholera
- Rabies and syphilis

158. 158) Response to stimulus of touch is called 1 point

Mark only one oval.

- Rheotaxis
- Thigmotaxis
- Thermotaxis
- Phototaxis

159. 159) An infant may be feeding entirely on mother's milk which is white in colour but the stool which the infant passes is yellow due to: 1 point

Mark only one oval.

- Pancreatic juice poured into duodenum
- Undigested milk protein
- Bile pigment passed through bile juice
- Intestinal Juice

160. 160) Hemozoin is a toxic substance. It is formed after; 1 point

Mark only one oval.

- Consumption of whole RBCs
- Rupture of erythrocytes or destroyed WBCs
- Consumption of globulin pigment of RBC
- Consumption of colorful pigment of RBC

161. 161) In life cycle of plasmodium, Stage with nucleus toward periphery and vacuole in centre is: 1 point

Mark only one oval.

- Rosette stage
- Trophozoite stage
- Cryptozoite
- Signet ring

162. 162) One of the functions of progesterone is: 1 point

Mark only one oval.

- Increased action and growth of thyroid
- Reabsorption of water from collecting duct
- Stimulation of mammary gland secretion
- Uterus contraction

163. 163) Basis of classification in protozoa is: 1 point

Mark only one oval.

- Locomotory organelle
- Size of body
- Shape
- Number of nuclei

164. 164) Both B and T lymphocytes are formed in bone marrow but only T lymphocyte travels to: 1 point

Mark only one oval.

- Spleen
- Thymus
- Bone marrow
- Thyroid

165. 165) Connective tissue in which fat is stored and helps in insulation is: 1 point

Mark only one oval.

- Bone
- Cartilage
- Adipose tissue
- Blood

166. 166) Which of the following is not a bony fish? 1 point

Mark only one oval.

- Telostomi
- Osteichthyes
- Elasmobranchi
- Lung fish

167. 167) Type of gland in which whole cell is shedded off along with secretory product: 1 point

Mark only one oval.

- Holocrine
- Apocrine
- Merocrine
- Heterocrine

168. 168)which of the following flows in the blood vessel of earthworm? 1 point

Mark only one oval.

- Blood
- Lymph
- Hemolymph
- Serum

169. 169) Person with sickle cell anaemia is: 1 point

Mark only one oval.

- Prone to malaria
- Less prone to malaria
- Prone to typhoid
- Less prone to typhoid

170. 170)The centrum of 2nd to 7th vertebrae of frog is 1 point

Mark only one oval.

- Anteriorly concave,posteriorly convex
- Anteriorly concave,posteriorly concave
- Anteriorly convex,posteriorly concave
- Anteriorly convex,posteriorly convex

171. 171)All of the following are characters of chordate except; 1 point

Mark only one oval.

- Pharyngeal gill slits
- Nerve cord
- Notochord
- Vertebral column

172. 172)Which of the following is correctly matched? 1 point

Mark only one oval.

- Amphetamine:Stimulant
- Heroin;pschotropic
- LSD;Narcotic
- Benzodiazepines:Pain killer

173. 173)Which of the following affects joints? 1 point

Mark only one oval.

- Diabetes mellitus
- Hypertension
- Rheumatoid Arthritis
- Osteoporosis

174. 174)Male genital aperture of earthworm is present in: 1 point

Mark only one oval.

- 16th segment
- 17th segment
- 18th segment
- 19th segment

175. 175)Primary function of smooth muscle is: 1 point

Mark only one oval.

- Voluntary action
- Involuntary action in hollow organs
- Control the ingestion process
- Locomotion and Voluntary movement of the body parts

176. 176)A women shows bilaterally blocked fallopian tubes. Which procedure would you further suggest for her? 1 point

Mark only one oval.

- Amniocentesis
- ELISA
- antiviral treatment
- IVF

177. 177)Why is a frog's mouth difficult to open? 1 point

Mark only one oval.

- Absence of teeth
- Due to presence of prelingual elevation on lower jaw and fossae on upper jaw
- Upper maxillary teeth
- Presence of fossa on lower jaw

178. 178)Transport protein is: 1 point

Mark only one oval.

- Albumin
- Myosin
- Actin
- Ricin

179. 179) A person experiences numbness and swelling in his right arm with frequent tingling sensations in his fingers. He undergoes neurosensory examination at the hospital and diagnosed with a disorder in skin receptors. Which of the following is correctly matched pair? 1 point

Mark only one oval.

- Pacinian corpuscle- rapid vibration
- Merkel cell-slow vibration
- Meissner corpuscles-stetch
- Ruffini corpuscles-pain

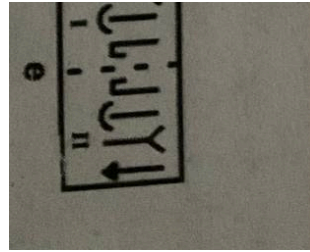
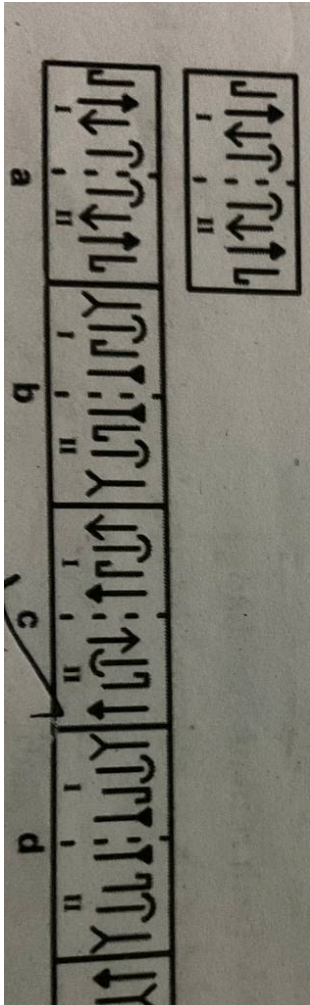
180. 180)Homo erectus differ from other hominoids in discovery of: 1 point

Mark only one oval.

- language and communication
- Use of fire
- Culture
- Living in group

MATT

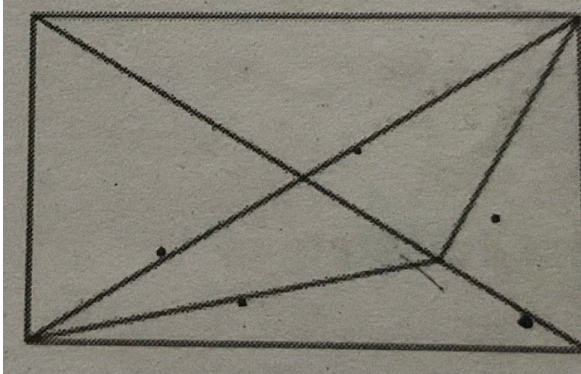
181. 181)Select that pair of figures which doesn't have a relationship similar to that in the original pair.The number of that pair is your answer. 1 point



Mark only one oval.

- A
- B
- C
- D

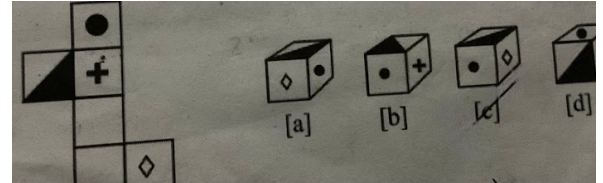
182. 182) In each of the following questions, find the minimum number of straight lines required to make the given figure. 1 p



Mark only one oval.

- 18
- 17
- 16
- 15

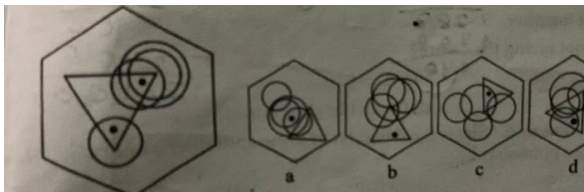
183. 183) In the questions below an unfolded dice is given in the left side while in the right side, four answers choice are given in the form of complete dices. You are required to select the correct answer choice which is/are formed by folding the unfolded dice. 1 p



Mark only one oval.

- A
- B
- C
- D

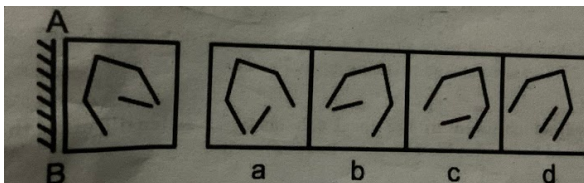
184. 184) To which hexagon below can a dot be added, so that both dots then meet the same conditions as the two dots in the hexagon above?



Mark only one oval.

- A
 B
 C
 D

185. 185) If the following question, choose the correct mirror image from the options (a), (b), (c) and (d).



Mark only one oval.

- A
 B
 C
 D

186. 186) In what ratio must a grocer mix two varieties of pulses costing Rs 15 and Rs 20 per kg respectively so as to get a mixture worth Rs 16.50 per kg?

Mark only one oval.

- 7:3
 5:7
 7:5
 3:7

187. 187) Direction: Answer the question given below referring to the following arrangement:

J*R3PL2#IN7OC@K5D=M\$6BAQ4

What will come in the place of the question mark (?) in the following series based on the above arrangement?

PRJ#L37I2@ON?

Mark only one oval.

- DK@
 DKC
 5@C
 D5@

188. 188) The last day of a century cannot be

Mark only one oval.

- Monday
 Tuesday
 Wednesday
 Friday

189. 189)Find the odd one out:

1 point

Mark only one oval.

- Triangle
- Tangent
- Square
- Rhombus

190. 190)If in a certain code language 'NATURAL' is coded as 'MZGFIZO', then how will 'CARE' be written in that language?

1 point

Mark only one oval.

- XZVI
- XIZV
- XZIV
- XVZI

191. 191)If '+' denote additional '+' denotes subtraction, 'x' denotes division and ÷ denotes multiplication, then $7-10 \times 5 \div 6 + 4 = ?$

1 point

Mark only one oval.

- 3
- 12
- 15
- 9

192. 192)Directions:Read the following information carefully to answer the given question.

1 point

I.V,U and T are sitting around a circle.

II.A,B and C are sitting around the same circle but two of them are not facing centre (they are facing the direction opposite to centre).

III.V is second to the left of C.

IV.U is second to the right of A.

V.B is third to the left of T.

VI.C is second to the right of T.

VII.A and C are not facing the centre

Which of the following is not facing the centre?

Mark only one oval.

- BA
- CA
- BC
- cannot be determined

193. 193)Pointing to a photograph Vikas said," She is the daughter of my grandfather's only son". How is she related to Vikas in the photograph?

1 point

Mark only one oval.

- Father
- Brother
- Mother
- Sister

194. 194) Five bells begin to toll together and toll respectively at intervals of 6, 5, 7, 10 and 12 seconds. How many times will they toll together in one hour excluding the one at the start? 1 point

Mark only one oval.

- 8 times
 9 times
 7 times
 11 times

195. 195) How much percentage more than the cost price should a shopkeeper mark his goods so that after allowing a discount of 25% on the marked price, he gains 20%? 1 point

Mark only one oval.

- 55%
 60%
 70%
 50%

196. 196) Statement: A number of school children in the local schools have fallen ill after the consumption of their subsidized tiffin provided by the school authority. 1 point

Courses of Action:

I. The tiffin facility of all schools should be discontinued immediately.

II. The Government should implement a system to certify the quality of tiffin provided by the school.

Mark only one oval.

- If only I follows
 If only II follows
 I either I or II follows
 If neither I nor II follows

197. 197) Choose the correct alternatives to form the same relationship. Kathmandu:Nepal::Texas:? 1 point

Mark only one oval.

- Brazil
 Mexico
 USA
 Canada

198. 198) One morning, Rita started to walk toward the sun. After walking a while, she turned to her left and again to her left. After walking a while, she again turned right. Which direction is she facing now? 1 point

Mark only one oval.

- East
- West
- North
- South

199. 199) If Ram can do a task in 20 days and Krishna can do it in 30 days, then the time taken by both to complete the task working together is 1 point

Mark only one oval.

- 10 days
- 8 days
- 15 days
- 12 days

200. 200) Ranjit can complete a work in 25 days while Anjit can finish it in 20 days. They work together for 5 days and then Ranjit leaves. How many days will Anjit take to finish the remaining work? 1 point

Mark only one oval.

- 10 days
- 9 days
- 11 days
- 15 days

201. Submission Tracking ID - DO NOT CHANGE *
This is important for tracking purposes. Do not change. Any change in this will make your submission void
-

This content is neither created nor endorsed by Google.

Google Forms

