

CLASSROOM CONTACT PROGRAMME

(Academic Session: 2024 - 2025)

ENTHUSIAST COURSE

PHASE: MEA,B,C,D,F,G,H,L,M,N,O,P,Q,R,S,U & V

TARGET: PRE MEDICAL 2025

Test Type: MAJOR Test Pattern: NEET (UG)

TEST DATE: 06-01-2025

| | ANSWER KEY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|--------------|----------|-----|----------|--------------|-----------------|--------------|-----|--------------|----------|--------------|--------------|--------------|--------------|-----|--------------|-----|-----|--------------|-----|-----|--------------|-----|-----|--------------|-----|-----|-----|--------------|----------|
| Q. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| A. | 4 | 3 | 2 | 1 | 4 | 4 | 3 | 1 | 1 | 3 | 2 | 2 | 3 | 2 | 4 | 1 | 3 | 2 | 3 | 4 | 4 | 2 | 2 | 4 | 1 | 3 | 4 | 4 | 1 | 3 |
| Q. | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| A. | 3 | 2 | 3 | 2 | 1 | 2 | 3 | 2 | 1 | 2 | 1 | 2 | 4 | 2 | 2 | 2 | 3 | 4 | 3 | 1 | 4 | 4 | 2 | 3 | 4 | 3 | 1 | 4 | 3 | 1 |
| Q. | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| A. | 2 | 4 | 2 | 4 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 3 | 1 | 1 | 2 | 2 | 1 | 4 | 1 | 2 | 2 | 1 | 4 | 4 | 1 | 2 | 4 | 3 | 4 | 4 |
| Q. | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| A. | 1 | 2 | 3 | 2 | 2 | 1 | 1 | 3 | 4 | 1 | 2 | 4 | 3 | 3 | 4 | 2 | 3 | 4 | 1 | 2 | 3 | 3 | 2 | 4 | 1 | 2 | 4 | 4 | 1 | 1 |
| Q. | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A. | 2 | 1 | 2 | 1 | 1 | 4 | 1 | 3 | 1 | 1 | 2 | 4 | 1 | 2 | 4 | 2 | 2 | 3 | 4 | 4 | 1 | 3 | 4 | 4 | 2 | 2 | 3 | 2 | 3 | 1 |
| A. Q. | 2 151 | 1 | _ | 1 | 1 155 | 4 156 | 1 157 | _ | 1 159 | 1 | 2 161 | 4 162 | 1 163 | 2 164 | | 2 166 | | _ | 4 169 | | | 3 172 | | | 2 175 | | Ť | _ | 3 179 | 1 |

HINT - SHEET

$$\vec{A} \cdot \vec{B} = 0$$

$$\cos \omega t \cos \frac{\omega t}{2} + \sin \omega t \sin \frac{\omega t}{2} = 0$$

$$\cos\left(\omega t - \frac{\omega t}{2}\right) = 0 \implies \cos\frac{\omega t}{2} = 0$$

$$\Rightarrow \frac{\omega t}{2} = \frac{\pi}{2} \Rightarrow t = \frac{\pi}{\omega}$$

2. Ans (3)

$$L + B = 4.431$$

4.4 (No. S.D 1 after decimal)

3. Ans (2)

$$P = FV$$

$$P = F \frac{\ell}{t}$$

$$\ell = \frac{P \ell}{F} = \frac{(10^{6} \text{W})(10^{-3} \text{s})}{10 \text{N}}$$

$$= 10^2 \, \text{m}$$

4. Ans (1)

$$\sqrt{\frac{GM}{R+h}} \Rightarrow \left[\frac{[M^{-1}L^3T^{-2}][M^1]}{[L^1]} \right]^{\frac{1}{2}}$$
$$\Rightarrow L^1T^{-1} \Rightarrow \text{Velocity (v)}$$

$5. \quad Ans(4)$

$$\frac{\Delta x}{x} = 1\% = 10^{-2}$$

$$\frac{\Delta y}{y} = 3\% = 3 \times 10^{-2}$$

$$\frac{\Delta z}{z} = 2\% = 2 \times 10^{-2} \implies t = \frac{xy^2}{z^3}$$

$$\frac{\Delta t}{t} = \frac{\Delta x}{x} + \frac{2\Delta y}{y} + \frac{3\Delta z}{z}$$

$$= 10^{-2} + 2 \times 3 \times 10^{-2} + 3 \times 2 \times 10^{-2}$$

$$= 13 \times 10^{-2} = 13\%$$

6. Ans (4)

Diameter =
$$(M.S.R. + C.S.R \times L.C.) - Z.E.$$

= $(3 + 35 \times (0.5/50)) - (-0.03)$
= 3.38 mm

7. Ans (3)

$$F_g = \frac{Gm_1m_2}{r^2}$$
, $G = Dimensional constant$
Unit of G is $\frac{N - m^2}{K\sigma^2}$

8. Ans (1)

$$\vec{v} = \frac{dx}{dt}\hat{i} + \frac{dy}{dt}\hat{j} \Rightarrow 3\hat{i} + 6x\hat{j}$$

$$\therefore \frac{dx}{dt} = 3 \qquad ...(1)$$

$$\frac{dy}{dt} = 6x \qquad ...(2)$$

$$\int dx = \int 3dt$$

$$x = 3t + C_1$$

at t = 0 particle is projected from origin

$$\therefore C_1 = 0$$

$$\boxed{x = 3t} \qquad \dots (3)$$

$$\frac{dy}{dt} = 6(3t) = 18t$$

$$\int dy = \int 18t dt$$

$$y = \frac{18t^2}{2} + C_2$$

$$C_2 = 0$$

$$\therefore y = 9t^2$$
...(4)

from equation (3) and (4)

$$y = (3t)^2$$

$$y = x^2$$

9. Ans (1)

From the given v-x graph:-

$$v = -kx + v_0$$

$$a = v \frac{dv}{dx}$$

$$a = (-kx + v_0)(-k)$$

$$\begin{bmatrix} a = kx - kv_0 \end{bmatrix}$$

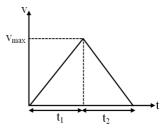
$$y = mx + c$$

$$m \Rightarrow +ve$$

$$c \Rightarrow -ve$$

∴ option (1) is correct

10. Ans (3)



slope of v - t graph = acceleration

$$\therefore \alpha = \frac{v_{\text{max}}}{t_1} \text{ and } \beta = \frac{v_{\text{max}}}{t_2}$$

$$t_1 + t_2 = \frac{v_{\text{max}}}{\alpha} + \frac{v_{\text{max}}}{\beta}$$

$$t = v_{\text{max}} \left(\frac{\alpha + \beta}{\alpha \beta}\right)$$

11. Ans (2)

$$F = (m_1 + m_2 + m_3) g \sin\theta$$
$$g \sin\theta = \frac{F}{m_1 + m_2 + m_3}$$
$$N = m_3 g \sin\theta$$

$$N = m_3 g \sin \theta$$

$$=\frac{m_{3}F}{m_{1}+m_{2}+m_{3}}$$

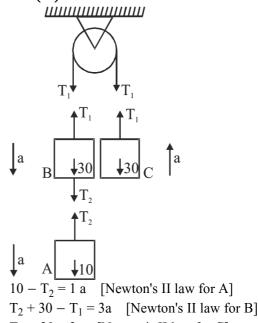
12. Ans (2)

$$v_i = -v\cos 60^{\circ}\hat{i} - v\sin 60^{\circ}\hat{j}$$

$$v_f = -v \cos 60^{\circ} 1 + v \sin 60^{\circ} 1$$

$$v = v_f - v_i = +2 \times 20 \times \frac{\sqrt{3}}{2} = 20\sqrt{3} \text{ ms}^{-1}$$

13. Ans (3)



 $10 - T_2 = 1$ a [Newton's II law for A]

 $T_1 - 30 = 3a$ [Newton's II law for C]

$$\Rightarrow a = \frac{g}{7} \Rightarrow T_2 = \frac{6g}{7}$$

14. Ans (2)

$$I = \Delta P = (20t^2 - 40t) \text{ (kg ms}^{-1})$$

for
$$I_{min}$$
 or ΔP_{min}

$$\frac{dI}{dt} = 0 \text{ and } \frac{d^2I}{dt^2} > 0$$

$$\frac{dI}{dt} = 40t - 40 = 0$$

$$\frac{\mathrm{dI}}{\mathrm{dt}} = 40t - 40 = 0$$

$$\frac{d^2I}{dt^2} = +40 > 0$$

$$\therefore \Delta P_{\min} att = 1s$$

15. Ans (4)

$$W = \mu_s N$$

$$\Rightarrow 0.2 \times 10$$

$$= 2 N$$

16. Ans (1)

$$P = \frac{W}{\Delta t}$$

$$W = \frac{1}{2}mv^2 \Rightarrow P_{older} = \frac{mv^2/2}{\Delta t} = \frac{mv^2}{2\Delta t}$$

newer-model: W =
$$\frac{1}{2}$$
m(2v)² = $\frac{1}{2}$ (4mv²)

$$\rightarrow P_{\text{newer}} = \frac{4\text{mv}^2}{2\Delta t} = 4\frac{\text{mv}^2}{2\Delta t}$$

Hence the power of the sports car is four times that of the older-model car.

17. Ans (3)

$$W_F = \frac{100 \times 11}{2} = 550$$

By WET

$$550 - 50 \text{ y}_{\text{max}} = 0$$

$$y_{max} = 11m$$
.

18. Ans (2)

$$x_c = \int_0^L x^4 dx / \int_0^L x^3 dx = \frac{L^5}{5} / \frac{L^4}{4} = \frac{4}{5} L$$

19. Ans (3)

Newton's Craddle

20. Ans (4)

As stress is shown on x - axis and strain on y - axis.

So, we can say that
$$Y = \cot \theta = \frac{1}{\tan \theta} = \frac{1}{\text{slope}}$$
.

So elasticity of wire P is minimum and of wire R is maximum.

21. Ans (4)

$$\begin{split} \vec{r} &= v_0 [\cos \omega t \hat{i} + \sin \omega t \hat{j}] \\ \Rightarrow \omega &= \pi \\ \text{and } a_c &= \omega^2 R = \omega^2 r_0 = 15\pi^2 \end{split}$$

and
$$a_c = \omega^2 R = \omega^2 r_0 = 15\pi^2$$

22. Ans (2)

$$\tau = I\alpha = I \left| \frac{\Delta\omega}{t} \right| = 2 \times \frac{2\pi \times 1}{60} = \frac{\pi}{15} N - m$$

23.

$$I_A > I_B$$
. Also $\tau = I\alpha \Rightarrow \alpha \propto \frac{1}{I}$
So, $\alpha_A < \alpha_B$

Ans (4)

Mass of wire will be $M = \rho L$

so radius
$$r = \frac{L}{2\pi}$$

So moment of inertia = $I = \frac{Mr^2}{2} + Mr^2 = \frac{3}{2}Mr^2$

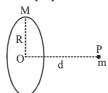
$$I = \frac{3}{2} [\rho L] \left[\frac{L^2}{4\pi^2} \right]$$

$$I = \frac{3}{8} \frac{\rho L^3}{\pi^2}$$

25.

$$\vec{I} = -\frac{\partial V}{\partial x} \hat{i} - \frac{\partial V}{y} \hat{j} - \frac{\partial V}{\partial z} \hat{k}$$
$$= \hat{i} + \hat{j} + \hat{k}$$

26. Ans (3)



$$F_{axis} = \frac{GM md}{(R^2 + d^2)^{3/2}}$$

when d = R then

$$F = \frac{GMmR}{(R^2 + R^2)^{3/2}} = \frac{GMm}{2\sqrt{2}R^2}$$

28. Ans (4)

29. Ans (1)

$$W = \frac{1}{2} F \Delta \ell = \frac{1}{2} \frac{AY}{L} (\Delta \ell)^{2}$$

$$W \propto \frac{A}{L} \propto \frac{r^{2}}{L}$$

$$W_{2} = (2r)^{2} (-1)$$

$$\frac{W_2}{W_1} = \left(\frac{2r}{r}\right)^2 \times \left(\frac{L}{L/2}\right) = 8$$

$$W_2 = 8W_1 = 16J$$

30. Ans (3)

$$P_{\text{excess}} = \rho gh$$

$$\frac{mg}{A} = \rho gh \Rightarrow h = \frac{m}{\rho A} = 15 \text{ cm}$$

31. Ans (3)

Work done = surface tension × change in area Since volume will remain equal

Let us assume radius of new drop = r each

$$\Rightarrow \frac{4}{3}\pi R^3 = 64 \times \frac{4}{3}\pi r^3$$

$$\Rightarrow \frac{R}{4} = r$$

$$W = T \cdot \Delta A$$

$$= T[n \times 4\pi r^2 - 4\pi R^2]$$

$$= T \left[64 \times 4\pi \left(\frac{R}{4}\right)^2 - 4\pi R^2 \right] = 12\pi R^2 T$$

32. Ans (2)

In floating of block, the weight of displaced water will be equal to weight of block. If level is same then both beakers will have same weight. Reason is false, as volume of block will be more as compared to displaced water.

33. Ans (3)

$$h \times 1000 \times g = \frac{2}{100} \times 13600 \times g$$

or $h = \frac{2 \times 13.6}{100} m = 27.2 cm$

34. Ans (2)

Given, terminal velocity $v = 1 \text{ ms}^{-1} = 100 \text{ cms}^{-1}$ radius of the raindrop, $r = 0.3 \text{ mm} = 0.3 \times 10^{-1}$

Viscosity of air $\eta = 18 \times 10^{-3}$ Poise

: Viscous force,
$$F = 6\pi\eta rv$$

= $6 \times 3.14 \times 18 \times 10^{-3} \times 0.3 \times 10^{-1} \times 100$
= 1017.36×10^{-3} dyne = 101.73×10^{-2} dyne.

35. Ans (1)

$$1000 \times 2 \times 60 = 6 \times C$$

$$\Rightarrow C = 2 \times 10^4 \text{ J/°C}$$

36. Ans (2)

Transmitting power + Absorbtion power + Reflection power = 1

Absorptive power =
$$0.5 \Rightarrow \frac{Q}{Q_{Total}}$$

 $Q = 0.5 \times Q_{Total} = 0.5 [\sigma AT^4]$
 $= 0.5 \times 5.67 \times 10^{-8} \times 0.15 \times 500^4$
 $Q = 265.78 \text{ W}.$

37. Ans (3)

Work = Area under P-V diagram \Rightarrow with volume axis W $\Rightarrow \frac{1}{2} \times (2-1) \times (10-4) \Rightarrow 3J$ W = +3J [Volume increasing]

38. Ans (2)

As $\alpha_A > \alpha_B$ so contraction in metal A is more than metal B.

39. Ans (1)

 $PV^{\gamma} = constant$

$$\frac{\Delta P}{P} = -\gamma \frac{\Delta V}{V}$$

$$\Rightarrow \frac{\Delta P}{P} \times 100 = -\gamma \frac{\Delta V}{V} \times 100$$

$$\Rightarrow \frac{2}{3} = -\frac{3}{2} \times \left(\frac{\Delta V}{V} \times 100\right)$$

$$\therefore \frac{\Delta V}{V} \times 100 = -\frac{4}{9}$$

40. Ans (2)

$$a = \omega^2 A \implies 125 = \omega^2(5) \implies \omega = 5, T = \frac{2\pi}{5}$$

42. Ans (2)

$$T = 2\pi \sqrt{\frac{m}{R}} \Rightarrow T \propto \sqrt{m}$$
$$\Rightarrow \frac{T'}{4} = \sqrt{\frac{900}{1600}} \Rightarrow T' = 3s$$

43. Ans (4)

$$V_{particle} = -slope \times V_{wave}$$

44. Ans (2)

$$f_0 = \frac{v}{2L} = 500Hz$$

$$f_n = nf_0 \Rightarrow 1000 = n \times 500$$

$$n = 2$$

48. Ans (4)

s-block =
$$ns^2$$
, d-block = $(n-1)d^{1-10}$ ns^{1-2}
p-block = ns^2np^6 ,
f-block = $(n-2)$ f^{1-14} $(n-1)d^{0,1}$ ns^2

52. Ans (4)

If Z =same then IP $\propto \bigoplus$ ve charge

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54. Ans (3)

$$O = C = C = C = O$$

60. Ans (1)

Both XeF₂ & IF₂⁻ have sp³d hybridisation & having linear shape.

67. Ans (3)

$$\begin{array}{c|c}
& Br_2 \\
\hline
& h\nu
\end{array}
\xrightarrow{Br} \xrightarrow{Alc. KOH} \xrightarrow{Ror Peroxide} \xrightarrow{Br} \xrightarrow{Br}$$
FRSR FRAR

68. Ans (3)

If -I/-M group is attached directly to benzene then it never gives FCR.

69. Ans (4)

$$\begin{array}{c}
\bigcirc \\
\bigcirc \\
\stackrel{\circ}{\text{NH}} - \stackrel{\circ}{\text{C}} - \stackrel{\circ}{\text{NO}_2} \\
\bigcirc \\
O_2 N - \stackrel{\circ}{\text{NH}} - \stackrel{\circ}{\text{C}} - \stackrel{\circ}{\text{NO}_2} \\
\end{array}$$

70. Ans (4)

Reaction towards

$$ESR \longrightarrow +M>+H>+I>-I>-H>-M$$

71. Ans (4)

$$IV > III > II > I$$

$$(I) \qquad (II) \qquad (III) \qquad (IV)$$

$$Reso(-)n^{+} \qquad Reso(-)n^{+} \qquad Reso \uparrow \qquad Reso \uparrow \uparrow$$

$$(1^{\circ}) \qquad (3^{\circ})$$

72. Ans (3)

74. Ans (1)

While testing for halogens, lassaigne's extract is boiled with conc. HNO₃ to decompose Na₂S and NaCN if formed.

76. Ans (2)

eq (2) × 3 – eq(1) = eq (3)

$$(-110) \times 3 - (-1130) = \Delta H$$

 $\Delta H = +800 \text{ kJ}$

77. Ans (1)

$$\begin{split} T_{eq} &= \frac{\Delta H}{\Delta S} = \frac{20000 \text{ J mol}^{-1}}{20 \text{ J K}^{-1} \text{mol}^{-1}} \\ &= 1000 \text{ K.} = 727^{\circ}\text{C} \end{split}$$

Since ΔH and ΔS both are positive, so The reaction will be spontaneous only when $T\Delta S > \Delta H$ and this is possible only above equilibrium temperature.

79. Ans (1)

Radial nodes for a subshell is $= n - \ell - 1$

80. Ans (2)

$$(K_C)_{\text{forward}} = \frac{1}{(K_C)_{\text{reverse}}}$$
 $(K_C)_{\text{reverse}} = \frac{1}{6 \times 10^{14}} = 1.6 \times 10^{-15}$

81. Ans (2)

$$K_p = \frac{(P_{CO_2})}{(P_{CH_4})(P_{O_2})^2}$$

82. Ans (1)

$$Bi2S3 \rightarrow 2Bi+3 + 3S-2$$

$$CdS \rightarrow Cd+2 + S-2$$

$$Al(OH)3 \rightarrow Al+3 + 3OH-$$

$$CaF2 \rightarrow Ca+2 + 2F-$$

83. Ans (4)

KCN is a WA - SB salts

84. Ans (4)

NCERT Pg. # 192

All of these can accept electron pair.

85. Ans (1)

g-equivalent CaCO₃ = g-equivalent HCl

$$\begin{split} n\times\frac{w}{M_w} &= n\times\frac{mv(\ell)}{1000}\\ 2\times\frac{w}{100} &= \frac{1\times0.5\times200}{1000}\\ w &= 5\text{ g} \end{split}$$

% Purity =
$$\frac{\text{Pure amount } \times 100}{\text{Total amount}}$$
$$\text{Total CaCO}_3 = \frac{5}{80} \times 100 = 6.25 \text{ g}$$

86. Ans (2)

$$\begin{array}{ccc} C & H \\ \frac{80}{12} & \frac{20}{1} \\ 2 \times V.D = M_{_W} \end{array}$$

88. Ans (3)

$$CH_4(g) + 2O_2(g) \longrightarrow CO_2(g) + 2H_2O(\ell)$$

 $\Delta ng = 1 - 3 = -2$
 $\Delta ng = -2$
 $\Delta H^{\circ} = \Delta E^{\circ} - 2RT$

- 89. Ans (4)
 NH₃ forms soluble complex with Ag⁺ ions.
- 90. Ans (4)
 path of electron in atom is not clearly defined.
- 91. Ans (1)
 NCERT XI Pg # 6
- 92. Ans (2) NCERT XI Pg # 4
- 93. Ans (3) NCERT XI Pg # 6
- 94. Ans (2) NCERT XI Pg # 23
- **97. Ans (1)** NCERT XI Pg. # 14
- 98. Ans (3) NCERT XI Pg. # 18
- 99. Ans (4) NCERT (XI) Pg # 31
- **100.** Ans (1) NCERT XI - P. No. - 29

- **101. Ans (2)** NCERT XI Pg. # 32
- **102. Ans (4)** NCERT XI Pg. # 28
- **103. Ans (3)**NCERT XI Pg. # 28, 29, 30, 31, 32, 34
- **104. Ans (3)** NCERT XI Pg. # 26 (E), 20 (H)
- 105. Ans (4) NCERT XI Pg # 99
- **107. Ans (3)** NCERT XI Pg. # 101
- **108. Ans (4)** XI NCERT Pg. No # 100
- **109. Ans (1)** NCERT XI, Pg. # 125, 126
- **110. Ans (2)** NCERT (XI) Pg # 126
- 111. Ans (3) NCERT XI Pg. # 127
- 112. Ans (3) NCERT XI Pg # 121
- 113. Ans (2) NCERT XI Pg # 123
- **114. Ans (4)** NCERT-XI, Pg. # 124
- 115. Ans (1) NCERT XI Pg. # 122
- 116. Ans (2) NCERT XI Pg # 110
- 117. Ans (4) NCERT XI Page # 110, Fig. 9.2
- 118. Ans (4) NCERT XI Pg. # 107
- 119. Ans (1) NCERT XI Pg. # 116

120. Ans (1)

NCERT XI Pg. # 116 (fig. 9.5 C)

121. Ans (2)

NCERT XI Pg. # 117

122. Ans (1)

NCERT XI Pg. No. # 136

123. Ans (2)

NCERT-XI, Pg # 144-145

124. Ans (1)

NCERT XI Pg. # 138

125. Ans (1)

NCERT-XI, Pg. # 137

126. Ans (4)

NCERT XI, Page No # 138

127. Ans (1)

NCERT XI Pg. # 155, 159

128. Ans (3)

NCERT XI Pg. # 158

129. Ans (1)

NCERT-XI, Pg. # 154

130. Ans (1)

NCERT XI Pg # 154

131. Ans (2)

NCERT-XI Pg. # 161

132. Ans (4)

NCERT XI Pg. # 170

133. Ans (1)

NCERT-XI, Pg. # 173

134. Ans (2)

NCERT-XI, Pg. # 175, 176

135. Ans (4)

NCERT XI Pg. No :- 176, 177, 178

137. Ans (2)

NCERT, Pg. # 53-54

138. Ans (3)

NCERT, Pg # 44

142. Ans (3)

NCERT Pg.# 78

148. Ans (2)

NCERT Pg # 193

149. Ans (3)

NCERT Pg. # 189

150. Ans (1)

NCERT Pg. #190

151. Ans (3)

NCERT Pg. # 185,186

152. Ans (1)

NCERT Pg # 207

154. Ans (1)

NCERT-XII, Pg. # 321

156. Ans (3)

NCERT XI Pg. # 232

157. Ans (1)

NCERT Pg. # 318

159. Ans (1)

NCERT Pg. # 334

163. Ans (3)

NCERT Pg. No. # 220

165. Ans (3)

NCERT Pg.#303-304

166. Ans (1)

NCERT, Pg # 225

171. Ans (1)

NCERT Page No. # 53

Hint external ear pinna present only in mammals.

172. Ans (3)

NCERT, Pg # 49

174. Ans (4)

NCERT-XI, Pg. # 285

175. Ans (2)

NCERT Pg.#275

176. Ans (4)

NCERT XI Pg. # 233