10th CLASS GENERAL SCIENCE MODEL PAPER-1 05.06.2020



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Marks : 100 Time : 3 Hr. 15 Min.

Instructions: co.in www.Manabadi.co.in 1. This paper consists of Part-A & Part-B. WWW. Manabadi. co. in 2. Part-A contains questions from Physical Science and Part-B contains from Biological Science. 3. Part-A & Part-B contains 4 sections each. 5. There is internal choice in Section-IV of Part-A & Part-B 4. There are 33 questions in the paper. 6. Write all the questions visibly & legibly. 7. 15 minutes are given for reading the question paper. www.Manabadi.co.in www.Manabadi.co.in www.WPART_iAo.in wwwSECTION-1in w.**Note:**anabadi.co.in www.N6axa1p=d6cMin w1) Answer ALL the questions badi c2) Each Question carries 1 Mark anabadi co.in 1. Define Temperature? Define Temperature? What is the role of furnance in metallurgy? 2. 3. How is bleaching powder manufactured? Write the equation . ^w4. Define accommodation of lens? Define Lenz's Law? Manabadi.co.in ₩¥5₩ W6.W.MWrite the general electronic configuration of f-block elements.W.Manabadi.co.in www.MSECTIONinII www.Manabadi.co.in www.MNote:di.co.in www.Manabadi.co.in www.Ma4 x 2 = 8.M 2) Each Question carries 2 Marks. i.co.in www.M1) Answer All the Questions.co.in $\sqrt{7}$. Find the absolute refractive index of water if it's critical angle is 48.5°_{\circ} (sin $48.5^{\circ}_{\circ} \approx 0.75$) Manabadi co in 8. Write the name of the ores of the following (a) iron (b) zincanabadi.co.in 9. State Kirchhoff's of junction law. Define bond angle yanahadi.co.in <u>SECTION –</u>III www.Manabadi.co.in www.Manabadi.co.in $4 \times 4 = 16 M$ www.Manabadi.co.in www.Manabadi.co.in www.M1) Answer All the Questions.co.in 2) Each Question carries 4 Marks. i.co.in w/1. MHow do you verify experimentally that sin Vasin r is a constant? Manabadi.co.in w12. M Explain the correction of the eye defect Hypermetropia? w13. MDescribe the cleansing action of soap www.Manabadi.co.in www.Manabadi.co.in 14. Give the structure and hybridisation of M (a) H₂O (c) in (b) BeCl2abadi.co.in SECTION -IV Note: $2 \times 8 = 16 M$ www.Manabadi.co.in 1) Answer All the Questions. 2) Each Question has internal choice. www.Manabadi.co.in 3) Each Question carries 8 Marks. ^{15.} (a) Draw the ray diagram & explain the nature of image www.Ma(i) object at focus^{w.M}(ii) object at centre of curvature^{.in} www.M(iii)object placed at Manabadi.co.in www.Manabaok.in www.M(b) (i) Explain the working of AC electric generator with near diagram? adi.co (ii) Derive $R = |\rho|/A_{co}$ in w16. M(a) Does acid solutions conduct electricity? Prove it by showing neat diagram. www.ManabaORo.in (b) Fill the following gaps www.Manabagi.co.in $\begin{array}{c} 0 \\ 4s^2 \\ 4s^2 \end{array} \begin{array}{c} l \\ 4 \\ - \\ 0 \end{array} \begin{array}{c} m_l \\ m_l \\ m_s \\ - \\ 0 \end{array}$ www.Manabadi.co.in5 www.Manabadi.co.in www.Manabagi.co.in_ www.Manabagi.go.in www.Manabari.co.in_ wvgw.Manabari.pp.in

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www.M1) Answer All the Questions.co.in		rries/1/Markadi.co.in	www.Manabadi.co.in
w17. MGive an example of an enzyme pre		www.Manabadi.co.in	www.Manabadi.co.in
w18. MStomata: Leaves .:. Lenticels : co.in		www.Manabadi.co.in	www.Manabadi.co.in
19 He dissected the heart of dead neonly	e and studied valves bety	veen each atrium and its	
 20. Which of the following statement i a) In an aquatic food chain, the pyr b) In an aquatic food chain, the pyr 21. Fill the gap with appropriate word 	s correct ?	www.Manabadi.co.in	www.Manabadi.co.in
a) In an aquatic food chain, the pyr	amid of biomass is inve	rted. www.Manabadi.co.in	www.Manabadi.co.in
b) In an aquatic food chain, the pyr	amid of biomass is upri	ght. www.Manabadi.co.in	www.Manabadi.co.in
21. Fill the gap with appropriate word	yww.Manabadi.co.in-	www.Manabadi.co.in	www.Manabadi.co.in
Inheritance of Acquired characters –	- Lamarckisn		www.Manabadi.co.in
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22. Jatropa curcas seeds are used for th	e production of	www.Manabadi.co.in	www.Manabadi.co.in
a) Natural gas b) Bio fuel		d) Diesel	www.Manabadi.co.in
	SECTION 1	www.Manabadi.co.in	
www.Manabadi.co.in www.Manabadi.co.in			www.Manabadi.co.in 4 × 2 = 8 M www.Manabadi.co.in
1) Answer All the Questions.		rries 2 Marks.	
W23. Write two differences between hor			www.Manabadi.co.in
w24. MIf you visit a Doctor what question			www.Manabadi.co.in
w25. MA person suffering from Irreversibl		•	
26. How plants send out waste product	s from their body ?	www.Manabadi.co.in	www.Manabadi.co.in
	SECTION _II	www.Manabadi.co.in	www.Manabadi.co.in
www.Manabadi.co.in www.Manabadi.co.in	www.ivianabaui.co.iii		www.Manabadi.co.in 4 × 4 = 16 M www.Manabadi.co.in
Note: www.Manabadi.co.in 1) Answer All the Questions.	2) Each Question ca	www.Manabadi.co.in prries 4 Marks. www.Manabadi.co.in	
27. Write a short note on pyramid of N	umber?		www.Manabadi.co.in
W28. What are your observations in com			www.Manabadi.co.in
w29. MComplete following table badi.co.in		www.Manabadi.co.in	www.Manabadi.co.in
	ecreted/byanaDigestive		www.Manabadi.co.in
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30. Write 2 slogans about forest di co.in		www.Manabadi.co.in	www.Manabadi.co.in
www.Manabadi.co.in www.Manabadi.co.in		V www.Manabadi.co.in	www.Manabadi.co.in $3 \times 9 = 24$ M
www.Manabadi.co.in 1) Answer All the Questions.	www.Manabadi.co.in 2) Each Question ha	www.Manabadi.co.in as internal choice. www.Manabadi.co.in	$3 \times 8 = 24 M$ www.Manabadi.co.in
3) Each Question carries 8 Mark	www.Manabadi.co.in	www.Manabadi.co.in	www.Manabadi.co.in
^W 31. ^M a) Explain the process of Transport	ation of gases through t	he blood? nabadi.co.in	www.Manabadi.co.in
www.Manabadi.co.in www.Manabadi.co.in	www.Manaba oir co.in	www.Manabadi.co.in	www.Manabadi.co.in
www.Mb) Write the difference between gra	afting and Layering. in	www.Manabadi.co.in	www.Manabadi.co.in
w32 Ma) What is the function of peristalsi	-	www.Manabadi.co.in	www.Manabadi.co.in
www.Mi)Oesophagus www.Mii)Stomach			rge Intestinebadi.co.in
www.Manabadi.co.in b) What is the law of independent a www.Manabadi.co.in 33. a) Draw a neat labeled diagram of l www.Manabadi.co.in	www.Manabad.co.in	www.Manabadi.co.in	www.Manabadi.co.in
b) what is the law of independent a	Internal structure of list	www.Wanabadi.co.in	www.Manabadi.co.in
www.Manabadi.co.in www.Manabadi.co.in	www.Manabadi.co.in	www.Manabadi.co.in	www.Manabadi.co.in
www.Mb) Draw a neat labeled diagram of	structure of an Ovule?	www.Manabadi.co.in	www.Manabadi.co.in
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