# ಕರ್ನಾಟಕ ಶಾಲಾ ಪಲೀಕ್ಷೆ 1ಮತ್ತು ಮೌಲ್ಯನಿರ್ಣಯ ಮಂಡಲ

ಕೆಎಸ್ಕ್ಯುಎಎಸಿ, ಮಲ್ಲೇಶ್ವರಂ, ಬೆಂಗಳೂರು-560003.

### KARNATAKA SCHOOL EXAMINATION AND ASSESSMENT BOARD

KSQAAC, Malleshwaram, Bengaluru-560003.

# ಮೌಲ್ಯಾಂಕನ – ಮಾರ್ಚ್ 2024 – ಮಾದರಿ ಪ್ರಶ್ನೋತ್ತರ ಪತ್ರಿಕೆ

### Assessment - March 2024 Model Paper

Class: 9		Subject : S Medium :		,	Marks: 80 Fime: 3 Hours
	Info	ormation to be f	illed by the Stu	dent	
Name of the Stu	ident:				
Student SATS N			Si	ignature f the Student: _	
	Informa	ation to be filled	by the Room I	nvigilator	
school DISE Co	ode:				
chool Name:					
Cluster :		Block :		District :	
School Type : G	Govt.	Aided	Un	-aided	
		Signature of th	ie Room Invigi	iator ·	
		filled by the Ev	valuator at the	e time of evalua	ation
	Obtained marks	_	valuator at the	e time of evalua	ation
Question Number		Question Number	valuator at the	Question Number	ation
Question Number  1 2		Question Number  14 15	valuator at the	Question Number 27 28	ation
Question Number  1 2 3		Question Number  14  15  16	valuator at the	Question Number 27 28 29	ation
Question Number  1 2 3 4		Question Number  14  15  16  17	valuator at the	Question Number  27  28  29  30	ation
Question Number  1 2 3 4 5		Question Number	valuator at the	Question Number 27 28 29 30 31	ation
Question Number  1 2 3 4 5 6		Question Number	valuator at the	Question Number  27  28  29  30  31  32	ation
Question Number  1 2 3 4 5 6 7		Question Number	valuator at the	Question Number  27  28  29  30  31  32  33	ation
Question Number  1 2 3 4 5 6		Question Number	valuator at the	Question Number  27  28  29  30  31  32  33  34	ation
Question Number  1 2 3 4 5 6 7 8 9		Question Number	valuator at the	Question Number  27  28  29  30  31  32  33  34  35	ation
Question Number  1 2 3 4 5 6 7 8 9		Question Number	valuator at the	Question Number  27  28  29  30  31  32  33  34  35  36	ation
Question Number  1 2 3 4 5 6 7 8 9 10		Question Number	valuator at the	Question Number  27  28  29  30  31  32  33  34  35  36  37	ation
Question Number  1 2 3 4 5 6 7 8 9 10 11 12		Question Number	valuator at the	Question Number  27  28  29  30  31  32  33  34  35  36	ation
Question Number  1 2 3 4 5 6 7 8 9 10		Question Number	valuator at the	Question Number  27  28  29  30  31  32  33  34  35  36  37	ation

Signature of the Evaluator : \_\_\_\_\_

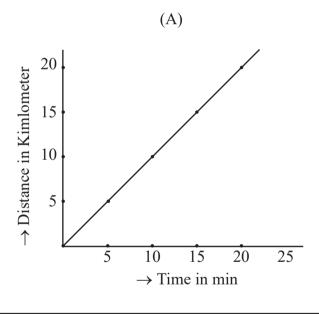
I.	Ch	9				- ·		complete statements.  ong with the correct  [3 x 1 = 3]
	1.	SI unit of force is,						
		A. joule	В.	ampere	C.	newton	D.	hertz
	A	nswer:						
	2.	The value of accele	ratic	on due to grav	ity of	earth is		
		A. 8.8 ms <sup>-2</sup>	В.	9 ms <sup>-2</sup>	C.	9.8 ms <sup>-2</sup>	D.	10.8 ms <sup>2</sup>
	A	nswer:						
	3.	The audible range of	of so	und in human	is			
		A. 20Hz - 20000 H	Ηz		В.	200Hz - 2000 H	[z	
		C. 20 KHz - 200K	Hz		D.	2Hz - 20 Hz		
	A	nswer:						
II.	Ar	nswer the following	ques	stions.				$[2 \times 1 = 2]$
	4.	The weight of an obthe surface of the m	-		N. W	hat would be its	weig	ht when measured on

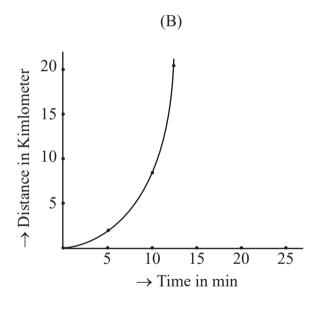
5.	Suggest a method to decrease reverberation.

### III. Answer the following questions.

 $[3 \times 2 = 6]$ 

6. The Motion of two motor vehicles, are given in the graphs A and B. Which graph is showing the reach of 20 km in shortest time and why?





8.		
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- 9. Draw or sketch a distance-time graph of a moving bus with the help of following data.
  - a. Bus travels in a uniform motion.
  - b. It reaches a distance of 20 km in 40 minutes.
  - c. It takes 80 minutes to travel a distance of 40 km.

10. Car falls of a ledge and drops to the ground in 1 second. Let $g = be 10 \text{ ms}^{-2}$
a. What is its speed on striking the ground?
b. What is its average speed during the one second?
c. How high is the ledge from the ground?
11. The ship of a nation drowned in a deep sea. To detect the sunken ship another ship was sent to that place. Then,
1. Name the device used to detect the sunken ship.

2. Write the Abbreviation of that device.
3. How it works? Explain.
An object of Mass 15 kg is at a certain height above the ground. If the potential energy of the object in 450 J find the height at which the object is with respect to the ground $(g = 10 \text{ms}^2)$ .

V.	Answer the following questions.	$[1 \times 4 = 4]$
	13. State Newtons 3 laws of motion and give an example for 3r	rd law of Motion.
	(PART B - CHEMISTRY)	
VI	. Four alternatives are given for each of the following questions  Choose the correct alternative and write the complete answer.	_
	option.	$[4 \times 1 = 4]$
	14. Compound among the following is,	
	A. Hydrogen B. Oxygen C. Water	D. Gold.
	Answer:	
		[ Turn over

	8	
15. This is the major gaseous comp	ponent of the atmosphere (air).	
A. Oxygen	B. Carbon dioxide	
C. Nitrogen	D. Argon	
Answer:		
VII.Answer the following questions.		$[4 \times 1 = 4]$
16. Wearing Cotton clothes during	summer is good. Why?	
17. Suspension is unstable. Why?		
18. What are isotopes?		
19. How acid rain is formed?		

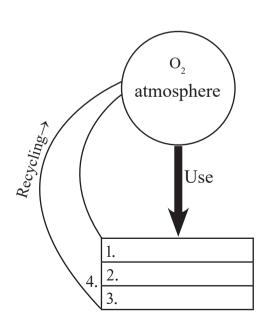
1, 2, 3 and 4.

20. What is melting point? Mention the melting point of ice.

20.	VV IIat 15	merting	Pomi.	Wichition	1110 111		100.

21.	Explain	the pro	posals of	Thomson's	s model	of an	atom
	1		1				

22.	Part of oxygen cycle in the nature is given below. Which processes are represented	d by



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# IX. Answer the following questions.

 $[3 \times 3 = 9]$ 

23. Draw the arrangements of apparatus showing the sublimation of ammonium chloride.

24. Observe the boiling points of two liquids of a mixture given in below table.

A	78°c
В	100°c

Which method do you suggest to seperate these liquid and why?	
25. The electronic configuration of an element is 1S <sup>2</sup> , 2S <sup>2</sup> 2P <sup>6</sup> . Write the schematic diagits atomic structure and name the element. How many electrons are present in K L shell?	

X. Answer the following que	Ρ	<b>\</b> .	Answer	the	tollo	wing	questions
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 $[1 \times 4 = 4]$ 


## 13 (PART C - BIOLOGY)

	Cel	l organell called	d Pov	verhouse of	the cell	is		
	Α.	Mitochondria	В.	Plastids	C.	Vacuole	D.	Lysosome
28.	Thi	s is an example	for a	ir borne dis	ease.			
	A.	Malaria	В.	Cold	C.	Rabies	D.	Leprosy
29.	The	e animals reared	l for 1	the purpose	of milk	production.		
	A.	Sheep & Hen		B. Cow	and Bu	ffalo		
	C.	Goat & Duck		D. Cow	& Fish			
.Ans	swe	r the following	que	stions.				$[2 \times 1 =$
30.	Wri	te any two situa	ation	s of spreadir	ng AIDS	S virus.		

31. Name the local variety of bees used for hone	ey production

## XIII.Answer the following questions.

 $[2 \times 2 = 4]$ 

- 32. Draw the diagram Showing the longitudinal section of phloem tissue and label the following parts
  - a) Sieve plate b) companion cells.

33	Draw	the	diagram	of A	moeha	and	label	the	follo	wino	narts
55.	Diaw	uic	ulagiani	OI I	unocoa	and	lauci	uic	10110	willg	parts

A. Pseudopodia B. Contratile Vacuole

# XIV.Answer the following questions.

 $[3 \times 2 = 6]$ 

- 34. Draw the diagram of neuron and label the following Parts
  - A. Dendrite B. Axon

	a) Common cold is called acute disease but elephantiasis is chronic. Why?	
	b) High blood pressure is non-infectious disease. Why?	
Ans	swer the following questions. [2 x	4 =
	Write the difference between manures and fertilizers. Write any two disadvanta using fertilizers.	
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37.	a) "Circulatory system of cockroach is not well developed"- Justify.
	b) Having both gills and lungs as respiratory organ is advantageous to the frog. How?
/ <b>I.A</b> i	nswer the following questions. $[1 \times 5 = 5]$
38.	a) Write any three differences between plant cell and animal cell.
	b) Some dried raisins are put in plain water for some time and then in concentrated sugar solution. What are the changes you observe?