

# KENDRIYA VIDYALAYA, NDA, PUNE 23

## HALF YEARLY EXAM 2018

### ANSWER KEY CLASS-VIII

(SUB-SCIENCE)

MM - 80

SEC	QUE NO	ANSWER	MARKS
A	1.	Same kind of plants grown at one place on large scale	1
	2.	Lactobacillus bacteria	1
	3	Teflon	1
	4	Mercury	1
	5	CNG	1
	6	Kilo joule per Kg or kJ/Kg	1
	7.	Endangered species	1
	8.	Ostrich egg	1
	9	Zygote	1
	10	Adams apple	1
B	11	The material which can be decomposed by micro-organisms.	1
	12.	The fuels obtained from dead remains of plants and animals.	1
	13	The source book which keeps record of all endangered plants and animals.	1
	14.	A group of cells similar in structure performing same functions.	1
	15.	Organism made up of one cell.	1
	16.	Long thread like structures in nucleus.	1
	17.	The fusion of sperm and egg.	1
	18.	The chemicals or secretions from endocrine glands.	1
C	19	<b>Kharif-</b> i) sown in rainy season ex-paddy ,maize, soyabean ,groundnut ,cotton <b>Rabbi-</b> i)sown in winter ex-Wheat, gram ,pea mustard,linseed	2
	20	Adv of manure1)Enhance water holding capacity of soil 2)Make the soil porous- for gaseous exchange 3)Increase no. of friendly microbes 4)Improve texture of soil	2

SEC	QUE NO	ANSWER	MARKS
	21.	Thermoplastic- 1)Gets deformed on heating and can be bend 2)Polythene ,PVC Thermosetting plastic-1)Cannot be soften by heating 2)Bakelite, Melamine	2
	22.	Sodium is very reactive .Reacts vigorously with Oxygen and Water. A lot of heat is generated. Therefore it is stored in Kerosene.	2
	23	The property of metal by- 1) which it can be drawn into wires 2) which can be beaten in to thin sheets	2
	24	1) Drive at constant and moderate speed. 2) Switch off the engine at traffic lights or place where you have to wait. 3) Ensure correct tyre pressure. 4) Ensure regular maintenance of vehicle.	2
	25	Because- 1) Petrochemicals obtained from petroleum are used in manufacture of detergent, fibres, polythene, plastics hydrogen obtained from natural gas is used in manufacture of fertilizers(urea).	2
	26	Refer textbook pg no.72 fig.6.13	2
	27.	Because-i) It takes 17 full grown trees to make 1 ton of paper. ii)We can save water and energy . Amount of chemicals used in paper manufacture is reduced. It causes deforestation <b>Ways -</b> i)Save at least one sheet of paper in a day ii)Recycle the paper	2
	28	Flora- Plants belonging to pertaining area ex-Sal, Teak Fauna-Animals belonging to particular area ex-Leopard ,Wild dog	2
	29	Plz Refer textbook page no 96 fig 8.7(a)	2
	30	Prokaryotic cell- nucleus without nuclear membrane Ex- Bacteria Eukaryotic cell- nucleus with nuclear membrane Ex- Animal	2
	31.	Plz Refer textbook page no 101 fig 9.2	2
	32	Plz Refer textbook page no 107 diagram 9.12 i)Amoeba reproduces by binary fission ii) Nucleus divides into two nuclei iii)Its body divides into two receiving a nucleus.	2

SEC	QUE NO	ANSWER	MARKS
	33.	Testes- Testosterone Secondary sexual character in male Ovaries- Estrogen Secondary sexual character in female	2
	34.	Fertilisation outside the female body. Ex- Frog Fertilisation inside the female body. Ex- Cow	2
D	35.	Polio – virus- vaccination Cholera-bacteria-personal hygiene Chicken pox- virus- vaccination Malaria- protozoa- mosquito net Typhoid-bacteria-boiled drinking water-vaccination	5
	36.	Breathing Water purification Antiseptic Crackers Fertilisers	5
	37.	Readily available Cheap Burns easily at moderate rate Produces large amount of heat Does not leave any undesirable substance	5
	38.	Cutting of forest on large scale for human settlement Global warming Floods Droughts	2 3
	39.	Refer fig. 9.3 pg-101 Ovaries- produce eggs Oviduct- carry eggs Uterus-place for baby development	2 3
E	40.	i)sweedicides ii)Louis Pasteur iii)Rayon iv)Robert Hook v)Insulin	5