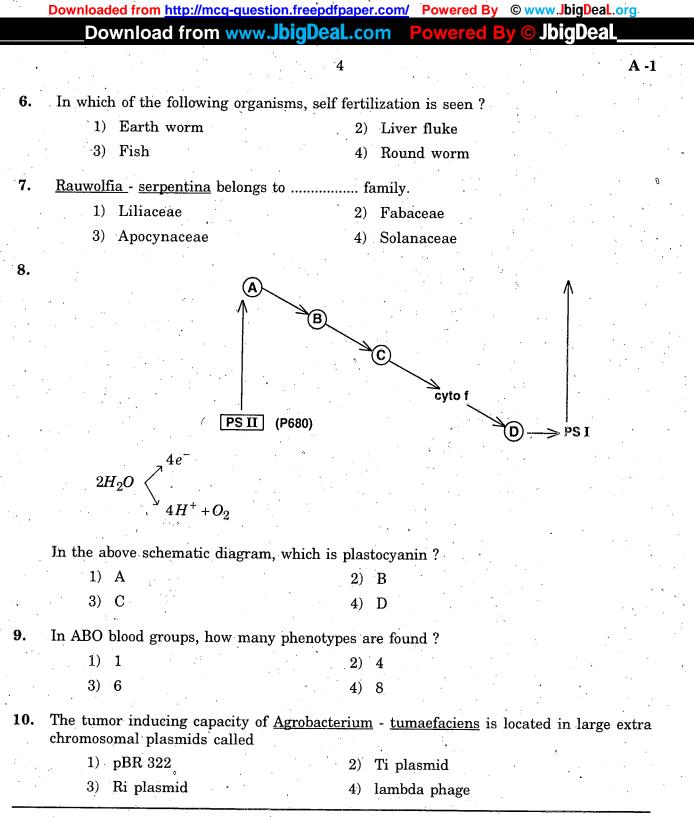
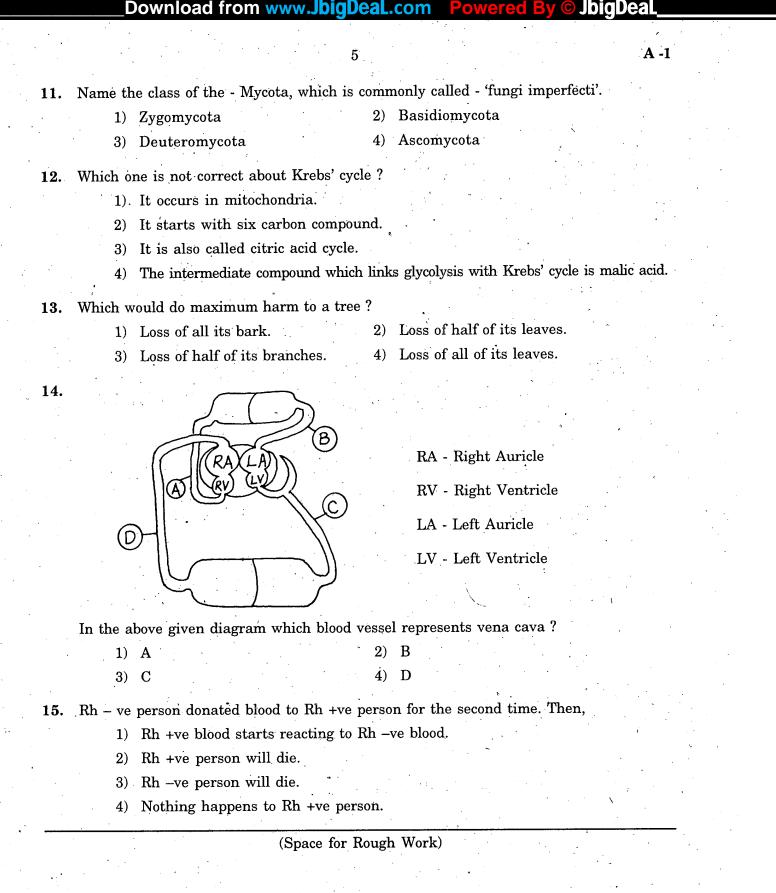
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			e ,	3 -		•	• • •		A -1	
	ç ,		•		•		•			· .
1.	The terr	ns 'cytoplasm' and	'nucleoplası	m' were	given by		· .		•	•
	1)	Brown	•	. 2)	Flemming	•	•	•	•	1 A.
8	3)	Purkinje		4)	Strasburg	er	· · · · ·	•		
2.	Which o	f the following exp	eriment is	called p	hysiological	demons	tration	of Osn	nosis ?	
	1)	Potometer			· · · · · ·	÷		•		-
	- 2)	Bell jar experiment	nt				•			•
	3)	Thistle funnel - w	hose mouth	is tied	with egg m	embrane	<b>.</b>			e.
•	4)	Thistle funnel - w	hose mouth	n is tied	with parch	ment pa	per.		•	<b>.</b>
3.	The net	gain of ATP during	g glycolysis	is	· · ·	•	· •	•	· · ·	
	1)	Two		2)	Four	•				•
	3)	Six		4)	Eight		•	•	•	
4.	Coronar	y heart disease is c	due to					· · · ·		
	1)	Weakening of the	heart valve	es.					÷ 9	• •
	2)	Insufficient blood	supply to t	he hear	t muscles.	· ·	• .	· .		· •
	3)	Streptococci bacte	eria.					· . · .	•	
	ي 4)	Inflammation of p	pericardium	ι.			· .	•	•	
5.	Manas s	anctuary is located	at	· · .		•		• • •	•••••	۰ ۰ ۰ ۰
• •	- 1)	Bihar		2)	Gujarath	•		• •		
	3)	Rajasthan		• 4)	Assam		, ,	<b>7</b>		, ,



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A -1 16. Checking of reradiating heat by atmospheric dust  $O_3$ ,  $CO_2$  and water vapours is -1) Ozone layer effect 2) Radioactive effect 3) Green house effect Solar effect 4) 17. Mutation can not change 1) Enzyme 2) DNA 3) RNA 4) Environment Liberation of  $O_2$  when green cells in water are exposed to sunlight in the presence of 18. suitable acceptor is called – 1) Blackmann's reaction 2) Hill's reaction 3) Arnon's reaction 4) Emerson's enhance effect 19. Guttation is mainly due to 1) Osmosis Transpiration 2) 3) Root pressure 4) Imbibition 20. • Statement A : All Metatherian are placental mammals. • Statement B : All placental mammals have menstrual cycle. Both the statements A and B are true. 1) 2) Both the statements A and B are false. 3) Statement A is true and Statment B is false. Statement B is true and Statment A is false. 4) (Space for Rough Work)

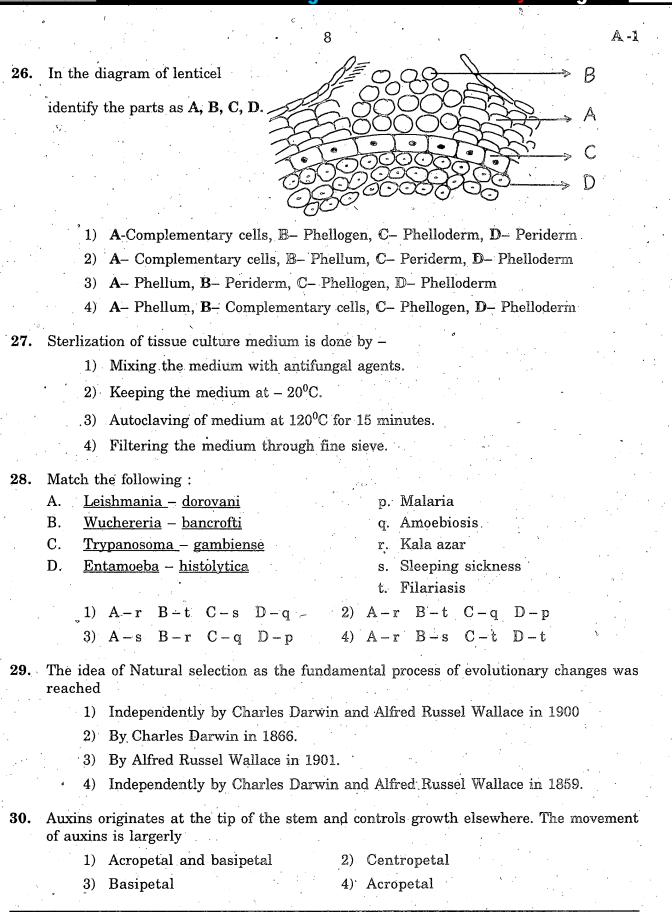
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х. 1919 г. т.	7	A -1
21.	Population density of terrestrial organisms is measured in terms of individual p	er
	1) Meter	• •
ч.	3) Meter <sup>3</sup> 4) Meter <sup>4</sup>	· . · .
22.	Nitrogenous waste products are eliminated mainly as -	•
	1) urea in tadpole as well as in adult frog.	
	2) urea in tadpole and ammonia in adult frog.	
	3) urea in tadpole and uric acid in adult frog.	
. `	4) urea in adult frog and ammonia in tadpole.	
23.	In man, the blue eye colour is recessive to the brown eye colour. If the boy has bro and his mother is blue eyed, what would be the phenotype of his father ?	wn eye
	1) Green eye 2) Blue eye	÷
	3) Black eye 4) Brown eye	· · · ·
24.	Munch hypothesis is based on	۰ ۰
	1) Translocation of food due to Turgor Pressure (TP) gradient.	
	2) Translocation of food due to imbibition force.	· · · ·
	3) Translocation of food due to TP gradient and imbibition force.	
	4) None of these	
25.	Interferons are	ч
~	1) Complex protein 2) Anti-clotting protein.	
	3) Anti-bacterial protein 4) Anti-viral protein.	. 1
•		• • • • •
· <u></u>	(Space for Rough Work)	<u></u>
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		9		<b>A -1</b>
31.	If a length of DNA has 45,000 b take ?	ase pairs, how n	nany complete trans v	ill the DNA molecule
· .	1) 45	2)	450	
•	3) 4,500	4)	45,000	, , , , , , , , , , , , , , , , , , ,
32.	The process in which mature form callus is called	differentiated	cells reverse to mer	istematic activity to
0	1) Cyto differentiation	2)	Redifferentiation	
	3) Dedifferentiation	4)	Differentiation	
33.	The lateral roots originate from	m		
	1) Epiblema	2)	Cortical cells below	root hairs
	3) Endoderm cells	4)	Pericycle cells	
34.	Which accessory genital gland	occurs only in	mammalian male ?	
	1) Cowper's gland	2)	Bartholian gland	
	3) Prostate gland	4)	Perineal gland	
35.	When the concentration of the	soil solutes is	low, the absorption o	f water is
	1) Increased	2)	Decreased	
· ,	3) Remain normal	4)	Stopped	
	· · · · · · · · · · · · · · · · · · ·	1		

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A -1 10 36. Edaphology is 1) Study of Snakes Study of Amphibians 2)3) Study of Elephants 4) None of these 37. Pineal gland of human brain secretes melatonin concerned with ...... 1) Colouration of skin 2) Sleep 3) Anger 4) Body temperature When a tall plant with round seeds (TTRR) crossed with a dwarf plant with wrinkle 38. seeds (tfrr). The  $F_1$  generation consists of tall plants with round seeds. What would be the proportion of dwarf plant with wrinkle seeds in  $F_1$  generation ? (2)  $\frac{1}{2}$ 1) · 0 4)  $\frac{1}{16}$ 3)  $\frac{1}{4}$ 39. Cell wall consists of 1) Lignin, hemi cellulose, pectin and lipid 2) Lignin, hemi cellulose, pectin and cellulose 3) Lignin hemi cellulose, protein and lipid 4) Hemi cellulose, cellulose, tubulin and lignin. The post and tail is present in -40. 1) Invertebrates 2) Vertebrates Chordates 3) 4) In all of them (Space for Rough Work)

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	,11 A-1
41.	Synthesis of food in $C_4$ pathway occurs in Chlorophyll of
	1) Spongy mesophyll   2) Palisade cells
۰» د	3) Guard cells 4) Bundle sheath
•	
42.	The sequence of structural gene in lac operon concept is
•	, 1) lac Y, lac Z, lac A 2) lac Z, lac Y, lac A
	3) lac A, lac Y, lac Z   4) lac A, lac Z, lac Y
43.	Pericarp and placentae are edible part of simple fleshy berry fruit
	1) Tomato · 2) Date palm
•	3) Jack fruit 4) Banana
44.	In the diagram, which of the following processes are shown in Amoeba?
	Solid food
	Food vacuole
a	Residue of
. •	undigest food
: •	
	Molecules in solution
	1) Phagocytosis 2) Pinocytosis
	3) Exocytosis4) All of these
45.	An essential element is that which
	1) is found in plant ash.
	2) is available in the soil.
, <sup>,</sup>	3) improve health of the plant.
	4) is irreplaceable and indispensable for growth of plants.
·	(Space for Rough Work)

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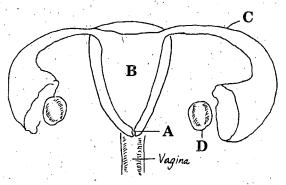
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•		12	l l	• •	A -1	
46.	Nucleic acid occurs in					•
· ·	1) Cytoplasm	2	) Mitochondria and	d chloroplast		•
	3) Golgibody	4	) Lysosomes.	•	· · ·	
47.	The number of mitotic cell be	division required	to produce 256 cells	from single	cell would	•
	1) 6	2	) 8		•.	
	3) 10	4	) 12	ζ. ζ	•	
48.	The central dogma of prot	ein synthesis in te	minious is			
	$(1) DNA \rightarrow DNA \rightarrow m$	$-RNA \rightarrow Protein$		· · ·	•	

- 2)  $m-RNA \rightarrow g.RNA \rightarrow DNA \rightarrow Protein$
- 3) g.RNA  $\rightarrow$  DNA  $\rightarrow$  m-RNA  $\rightarrow$  Protein
- 4)  $DNA \rightarrow G-RNA \rightarrow m-RNA \rightarrow Protein$
- 49. In tissue culture roots can be induced by
  - 1) No cytokinin and only auxins.
  - 2) Higher concentration cytokinin and lower concentration auxins.
  - 3) Lower concentration of cytokinin and higher concentration of auxins.
  - 4) Only cytokinin and no auxins.

50.



- 1) A- uterus, B- uterine cavity, C- oviducal funnel, D- ovary
- 2) A- cervix, B- uterine cavity, C- fallopian tube, D- ovary
- 3) A- oviduct, B- uterus, C- outduct, D- ovary
- 4) A- cervix, B- uterus, C- ovary, D- tumour

Downloaded from http://mcq-question.freepdfpaper.com/ Powered By © www.JbigDeaL.org Download from www.JbigDeal.com O JbigDeal 13A -1 51. The first process by which water enters into the seed coat when a seed is placed in suitable environment for germination is 1) Absorption 2) Imbibition 3) Osmosis 4) Active transport 52. ..... is a taxon, which is likely to move into endangered category in near future, if conditions prevail as it is 1) Rare Extinct 2) 4) Endanger 3) Vulnerable 53. A localised inflammatory response appears at the site of infection causes redness, swelling, pain and heat due to certain chemical, they are 1). Histamin and cerumen 2) Prostaglandins and cerumen 3) Histamin and prostaglandins 4) Cerumen and mucus. 54. Non keratimised stratified epithelium occurs in 1) Vagina and cervix 2) Buccal cavity and anus 3) Vagina, cervix and buccal cavity 4) Vagina, cervix, buccal cavity and anus 55. Succus entericus is secreted by ? 1) Crypts of Leiberkuhn 2) Brunner's gland 3) Both (1) and (2)None of these **4**)

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Download from www.JbigDeaL.com JbigDeal A -1 14 **56**. Residual volume is 1) Greater than vital capacity 2) Greater than fidal volume. 3) Lesser than tidal volume. Greater than inspiratory volume. 4) 57. Find the odd example. 1) Sea cucumber Sea urchin 2) 3) Sea lily Sea fan 4) **58**. Which one is correct? 1) Neuron = Cyton + Dendrite + Axon + Synapse 2) Lymph = Plasma + RBC + WBC3) Blood = Plasma + RBC + WBC + Blood platelets 4) Plasma = Blood – lymphocytes **59**: In the given diagram name the parts A, B, C and D. В D > E 1) A- Intine, B- Exine, C- Germ pore, D- Generative cell, E- Vegetative cell 2) A- Exine, B- Intine, C- Vegetative cell, D- Germ pore, E- Generative cell 3) A- Germ pore, B- Generative cell, C- Intine, D- Exine, E- Vegetative cell 4) A- Germ pore, B- Generative cell, C- Exine, D- Intine, E- Vegetative cell 60. The largest RBC's have been seen in 1) Amphibia 2) Man 3) Elephant 4) Whale (Space for Rough Work)

SR - 1