#### 094/2018

Question Booklet Alpha Code



Question Booklet Serial Number

SCNET.i

Total Number of Questions: 100

Maximum Marks: 100

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#### INSTRUCTIONS TO CANDIDATES

- The question paper will be given in the form of a Question Booklet. There will be four versions
  of question booklets with question booklet alpha code viz. A, B, C & D.
- The Question Booklet Alpha Code will be printed on the top left margin of the facing sheet of the question booklet.
- The Question Booklet Alpha Code allotted to you will be noted in your seating position in the Examination Hall.
- If you get a question booklet where the alpha code does not match to the allotted alpha code in the seating position, please draw the attention of the Invigilator IMMEDIATELY.
- The Question Booklet Serial Number is printed on the top right margin of the facing sheet. If your question booklet is un-numbered, please get it replaced by new question booklet with same alpha code.
- The question booklet will be sealed at the middle of the right margin. Candidate should not open the question booklet, until the indication is given to start answering.
- 7. Immediately after the commencement of the examination, the candidate should check that the question booklet supplied to him contains all the 100 questions in serial order. The question booklet does not have unprinted or torn or missing pages and if so he/she should bring it to the notice of the Invigilator and get it replaced by a complete booklet with same alpha code. This is most important.
- 8. A blank sheet of paper is attached to the question booklet. This may be used for rough work.
- Please read carefully all the instructions on the reverse of the Answer Sheet before marking your answers.
- Each question is provided with four choices (A), (B), (C) and (D) having one correct answer.
   Choose the correct answer and darken the bubble corresponding to the question number using Blue or Black Ball Point Pen in the OMR Answer Sheet.
- Each correct answer carries 1 mark and for each wrong answer 1/3 mark will be deducted. No negative mark for unattended questions.
- 12. No candidate will be allowed to leave the examination hall till the end of the session and without handing over his/her Answer Sheet to the Invigilator. Candidates should ensure that the Invigilator has verified all the entries in the Register Number Coding Sheet and that the Invigilator has affixed his/her signature in the space provided.
- Strict compliance of instructions is essential. Any malpractice or attempt to commit any kind of malpractice in the Examination will result in the disqualification of the candidate.

### 094/2018

1.	Which country will host the first International Solar Alliance Summit?  (A) China (B) USA (C) Russia (D) India
2.	The idea of Fundamental Duties of the Indian Constitution is derived from :  (A) Russian Constitution (B) British Constitution (C) American Constitution (D) French Constitution
3.	When is the Earth Day celebrated ?  (A) April 21 (B) April 22 (C) May 21 (D) May 22
4.	Which national cricket team is called by "The Lions" ?  (A) Newzealand (B) Australia (C) Sri Lanka (D) Pakistan
5.	Who is the founder of the socio religious movement Prathyaksha Raksha Daiva Sabha ?  (A) Poykayil Yohannan (B) Pandit K.P. Karuppan  (C) Ayya Vaikundar (D) Vagbhatanandan
6.	Most area in India is covered by : (A) Hills (B) Mountains (C) Plains (D) Plateaus
7.	The first medical graduate from Ezhava community in Travancore is :  (A) G.P. Pillai (B) Velayudhan (C) Nataraja Guru (D) Dr. Palpu
8.	Among the Five Year Plan of India which of the following period is known as Plan holiday?  (A) 1969 to 1974 (B) 1966 to 1969 (C) 1965 to 1968 (D) 1961 to 1966
9.	Name the committee, will be constituted by the Haryana Govt. to find out solution to polluted water flowing in Yamuna river.  (A) Ram Bilas Sharma Committee (B) Om Prakash Dhankar Committee (C) Krishnalal Panwar Committee (D) Narbeer Singh Committee
10.	"The whole universe is one mind. Between mind and mind there is no vacuum." Who said this?  (Λ) Sree Narayana Guru (Β) Ayyankali (C) Brahmananda Sivayogi (D) Chattampi Swamikal
11.	The country which is firstly decided to introduce Baby Olympics for children is :  (A) Bahrain (B) Greece (C) China (D) Japan
1000	

12.	Steph	en Hawking, the le	gendary theore	etical	physic	cist was died of	n:			
	(A)	12th March, 2018		(B)		March, 2018				
	(C)	14th March, 2018		(D)	15 <sup>th</sup>	March, 2018				
			1100-100-100		Men.	1000000				
13.		irst Finance Ministe	r of India who	74.5						
		Charan Singh	C1	(B)	*	harlal Nehru				
	(C)	R.K. Shanmukham	Chetty	(D)	Mora	irji Desai				
14.	Who	among the followin	o was a memb	per of	the Si	mon Commissi	on?			
		Clement Atlee	6	(B)		ley Baldwin				
	(C)	Neville Chamberlin	1			ford Cripps				
	777	1.6 1 1 1	1 11 0	· T 21		2010 1-4		147	Dominio	
15.		platform has been la Women Literacy P						vvomen s	Day is	
		Women Power Pla								
	(0)	Wollieft Tower Tia	tion in	(2)	******	terr Combat 11	ucini			
16.	Asiat	tic Society of Bengal	was founded	by:						
		Raja Rammohan R		(B)	Sure	ndranath Banr	nerjee			
	(C)	C.F. Andrews		(D)	Willi	iam Johns				
					т.	have and 2022	TAT1-4	Com Crists	-1	
		e the country to ho	st the 2021 Ch 3) South Afr					India	et.	
	(A)	iran (i	b) South Air	ıca	(C)	Fakistali	(D)	IIIuIa		
18.	Who	built the Khajuraho	temples?							
			B) Chandelas	S	(C)	Bundelas	(D)	Satavaha	anas	
19.		yakalasakhi", the far	nous romantic	work	in Ma	layalam by Vai	kkom M	uhammed	Basheer	r
	is a:		R\ Poster		(C)	Movel	(D)	Short sto		
	(A)	Drama (I	B) Poetry		(C)	Novel	(D)	Short sto	n'y	
20.	Thir	unavaya, famous for	r Mamamgam	is loc	ated in	the banks of	the river			
	(A)	Bharathapuzha (I				Pampa		Kabani		
	The state of	Mark System Comment	ALL DESCRIPTION OF THE PARTY OF							
21.	Hem	nidesmosomes are fo								
	(A)									
	(B)	Between two adjac								
	(C)				11					6
	(D)	Between bacterial	membrane and	a cell	wall.					
22.	Find	the possible pathw	av for the pro	ductio	on of a	secondary pro	tein			
	(A)	Secretory vesicles								
	(B)	Rough ER → Ribo								
	(C)	Rough ER → Secre								
	(D)	Ribosomes → Rou	gh ER → Golg	i app	aratus	→ Secretory v	esicles			
004	10010									

23.	Select the correct order from least to more complex.	
	(A) Glucuronate, Hyaluronate, Proteoglycans, GAG chains	
	(B) Glucuronate, Hyaluronate, GAG chains, Proteoglycans	
	(C) Hyaluronate, Glucuronate, Proteoglycans, GAG chains	
	(D) Hyaluronate, Glucuronate, GAG chains, Proteoglycans	
24.	Bacterial operon contains three genes P, Q, R in the same order. If polar muta gene Q then the effect in protein would be observed in:	tion occurs in
	(A) All proteins P, Q, R (B) Only in Q and R	
	(C) Only in Q (D) Loss of all proteins	
25.	The function of Okazaki fragments is to elongate:	
	(A) Lagging strand away from the replication fork	
	(B) Leading strand away from the replication fork	
	(C) Lagging strand towards the replication fork	
	(D) Leading strand towards the replication fork	
26.	In prokaryotes and eukaryotes DNA replication is initiated:	
	(A) At multiple sites on each chromosome, with each site generating two re	plication fork.
	(B) In a tightly regulated manner so that replication is initiated once per cell initiation site.	cycle at each
	(C) At multiple sites on each chromosome, with each site generating one rep	olication fork
	(D) At each end of each chromosome.	1011
27.	In termination of transcription the role of rho protein is:	
	(A) It is a DNA binding protein that blocks the movement of RNA polymer template.	ase down the
	(B) It is a sub unit of RNA polymerase that binds to RNA hairpins and starts	transcription.
	(C) It is a nuclease that degrades the 3' ends to RNA transcripts.	
	(D) It is a helicase that actively breaks base pairs between the template and	transcript.
28.	Number of energy bonds expanded for the formation of a peptide bond is :	
	(A) Six (B) Two (C) Four (D) Eigh	
	(c) rour (b) Ligi	
29.	Even if other sugars are present bacteria utilize glucose first, the mechanism is	called:
	(A) Glucose utilization (B) Catabolic repression	7
	(C) Enzyme repression (D) Operon repression	
30.	Which is the specialized protein complex that create an aqueous pore between t	he cytoplasm
	or two adjacent cells ?	
	(A) Ion channel (B) Gap junction (C) Hormone (D) Reco	eptor
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- 31. Select the false statement about cyclins.
  - (A) Cyclins regulate the activity of M-phase kinase.
  - Cyclins are degraded rapidly when the cell enters mitosis.
  - There are several families of cyclins that differ in amino acid sequence and in their proteins.
  - (D) Cyclins are present at a constant steady state level throughout the cell cycle.
- 32. Which among the following is most likely to happen if there is more than one tunica layer in a stem apex
  - (A) Only the outer layer will develop into epidermal cell
  - (B) All the layers will develop into epidermal cell
  - (C) All the layers will develop into cortex
  - (D) Inner layer develop into cortex
- 33. In a fully turgid cell:
  - (A) DPD = OP (B) DPD = TP
- (C) DPD = 0

- 34. Which of the following statement is correct?
  - (A) DNA repair system typically work in three major steps detection of error, removal of the abnormality, and replacement of the removed DNA.
  - (B) Luria-Delbruck fluctuation test was designed to differentiate between appearance of a trait due to random, spontaneous mutations appearance of the trait due to adaptation to environmental conditions.
  - (C) A splice site mutation leading to loss of an exon can affect production of regions of the protein encoded in downstream exons even if they are spliced correctly.
  - (D) All the above.
- 35. Genetic drift operates only in :
  - (A) Smaller population

(C) Larger population

- (B) Mendalian population
- (D) Island population
- Interferons are:

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- (A) Proteins released by the cells in response to viral infection
- (B) Protein molecules which render unattacked cells susceptible to viral attack
- (C) Specific type of immunoglobulin
- (D) Both (A) and (B)
- 37. Cell wall with peptidoglycan is a characteristic constituent of :
  - (A) Eubacteria and cyanobacteria
  - (B) Eubacteria and unicellular eukaryotes
  - (C) All members of monera and protista
  - (D) Archaebacteria and eukaryotes

38.	Both endogenous and exogenous spores are found in :  (A) Rhizopus (B) Agaricus (C) Mucor (D) Penicillium
	(b) remember (c) remember (c) remember (d) remember (d)
39.	Which is the smallest gymnosperm?
	(A) Pinus gerardiana (B) Cycas revoluta (C) Gnetum gnemon (D) Zamia pygmia
40.	Oxidative electron transport occurs in :
	(A) Chloroplast (B) Endoplasmic reticulum
	(C) Cristae (D) Outer mitochondrial membrane
41.	Which among the following is the sulphur containing amino acid?
	(A) Glutamic acid, aspartic acid (B) Cysteine, methionine and cystine
	(C) Valine, lysine and cystine (D) Tryptophan
42.	A short length of DNA molecule contains 120 adenine and 120 cystosine bases. The total
	number of nucleotide in this DNA segment is :
	(A) 480 (B) 60 (C) 240 (D) 120
43.	Two daughter cells formed during mitosis contain :
	(A) Same amount of DNA and the same set of chromosomes as those of the parent.
	(B) Same amount of DNA but a set of chromosomes different from those of the parent cell.
	(C) Double the amount of DNA and the set of chromosomes different from those of the
	(D) Half the amount of DNA and same set of chromosomes as those of the parent cell.
	(2) The distribution of 51 11 and 5 and 600 of challes on the barely cell.
44.	In higher plants Chromosomes are made up of :
	(A) DNA only (B) DNA + histones (C) DNA + RNA (D) DNA + pectines
45.	A homozygous plant having red flowers is crossed with a homozygous plant bearing white
	flowers, the offspring are:
	(A) All with red flowers (B) All with white flowers (C) Half with white flowers (D) Half with red flowers
	(b) Hair with red flowers
46.	The term mutation was introduced by:
	(A) Darwin (B) Mendel (C) Hugo de vries (D) Lamark
47.	Which of the following is true for Reverse transcriptase?
	(A) DNA dependant DNA polymerase
	(B) DNA dependant RNA polymerase
	(B) DNA dependant RNA polymerase (C) RNA dependant DNA polymerase (D) RNA dependant RNA polymerase

48.	Agg	regate fruit differ from	m simple fro	iit, beca	ause it	develops from:		
	(A)	Multicarpellary apo	rcarpous ov	vary				
	(B)	Multicarpellary ova	ry					
	(C)	Multicarpellary syn	carpous ova	ary				
	(D)	Whole inflorescence	_					
49.	In so	ome plants the mecha	nism of see	d diene	real is	by cenear mach	aniem	the plants below
		e family :	mism of see	u uispe	1501 15	by censor mech	arusin,	the plants belon
	(A)	Malvaceae (B)	Papiloni	aceae	(C)	Papaveraceae	(D)	Boraginaceae
50.	Con	centric amphicribal v	ascular bun	dle is t	hat in	which:		
	(A)	Centrally located ph	nloem is sur	rounde	d by x	ylem		
	(B)	Xylem is flanked by	phloem on	exterio	r sides	only		
	(C)	Phloem is flanked b	y xylem on	exterio	rsides	only		
	(D)					and the same of th		
51.	In w	hich type of grafting	many scion	s are se	elected	?		
	(A)	Crown grafting		(B)	Wed	ge grafting		
	(C)	Bud grafting		(D)	App	roach grafting		
52.		embryony was first d		_				
	(A)	Robert Brown (B)	Winkler		(C)	Leeuwenhock	(D)	Linnaeus
53.	Wha	t is the type of ovule	in which th	e funic	ulus is	large, long and	coiled	around the ovul
		Anatropous ovule		(B)		ianatropous ovi		
	(C)	Campylotropous ov	rule	(D)	Circi	notropous ovul	e	
54.	The	type of fruit in Pinear	pple is :					
		Caryopsis (B)	The second second		(C)	Syconus	(D)	Simple fleshy
EE	In A		Desir Herriga			A Service Co.		Control of
55.		ngiosperm of the end	losperm of s					
	(A)			(B)		loid nucleus		
	(C)	Diploid nucleus		(D)	Hapl	loid nucleus		
56.	Whi	ch of the following is	not properl	lv mate	hed?			
		Anther culture		ploid p				
	(B)	Somatic embryo		-		ed from somatic	cells	
	(C)	Cytokinin				n callus		
	(D)	All the above						
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57.	Which one of the following state	ement is com	ect ?	
	(A) Extensive use of chemical f	ertilizers ma	y lead to eutrophication of nearby water	bodies
	1	0	aize without chemical fertilizers.	
	(C) Cyanobacteria such as An and for plant nutrition in s		Nostoc are important mobilisers of phos	phate
			ospheric nitrogen in root nodules of pla	ints.
58.	Select the wrong pair from the f	ollowing:		
	(A) Nuclear power - radioacti			
	(B) Solar energy - greenhouse	effect		
	(C) Biomass burning - release	of CO <sub>2</sub>		
	(D) Fossil fuel burning - releas	e of CO <sub>2</sub>		
59.	Select the incorrect statement.			
39.		ngor nagion	got extinct due to over exploitation by	man
	(B) Lantana and Eichhornia are			TT LEAT I.
			tal diversity was held in 1992.	
			away from equator towards the pole.	
60.	Beta diversity refers to :	(7)		
	(A) Diversity within a popula		Diversity between Eco zones	
	(C) Diversity between commu	nities (D)	Diversity within a community	
61.	Among the following which Or	ganisms are	associated with first and third trophic le	evel ?
	(A) Phytoplanktons	(B)	Macrophytes	
	(C) Insectivorous plants	(D)	Chemoautotrophs	
62.	Acacia, Capparis, Prosopis are ex-	amples of tro	opical:	
	(A) Grasslands	(B)	Thorn forests	
	(C) Evergreen forests	(D)	Deciduous forests	
63.	Howard Florey and Ernst Chair	n's contribut	ion was :	
00.	(A) Isolating the bacterial plas		as to recommend the particular	
	(B) Discovery of streptokinase			
	(C) Establishing the potential		as an effective antibiotic	
	(D) Discovery of DNA sequer			
	(-)			

A

(A) Herpes virus vaccine (B) Hepatitis B virus vaccine

(C) Both (A) and (B) (D) None of the above

66. Which among the following is the true statement?

- (A) Penicillium notatum restrict the growth of Staphylococci.
- (B) Succharomyces cerevisiae is used as clot buster.
- (C) Methanogens are found in aerobic conditions.
- (D) Acetobacter aceti produces citric acid.

In virus infected plants the meristematic tissues in both apical and axillary buds are free virus because:

- (A) Virus cannot multiply within meristem cells
- (B) Meristems have antiviral components
- (C) Dividing cells are virus resistant
- (D) Cell division of meristem are faster than the rate of viral multiplication

Select the correct statements.

- Genetic drift changes the existing gene or allelic frequency in future generations.
- Changes in allelic frequency in a population will lead to Hardy-Weinberg equilibrium
- When more individuals of a population acquire a mean character value, it is calle disruption.
- Increase in melanised moths after industrialization in Great Britain is a proof for natural selection.
- (A) (d) alone is correct
- (B) (a) alone is correct
- (C) (a) and (c) are correct
- (D) (a) and (d) are correct

A blue green algae which is 2.9 billion years old is the oldest fossil record from India. It is

- (A) Archaeopteryx
- (B) Archaeospheroides
- (C) Chlamydomonas
- (D) Oscillatoria

Eukaryotic and Prokaryotic genome differs by having:

- (A) DNA is circular and single stranded in prokaryotes.
- (B) DNA is complexed with histone in prokaryotes.
- (C) Genes in the former case are organized into operons.
- (D) Repetative sequences are present in eukaryotes.

71. Association between Trichonympha and Termite is an example for :

- (A) Facultative mutualism
- (B) Obligate mutualism
- (C) Commensalism
- (D) Amensalism

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72.	A woman with two genes for haemon "X" chromosomes marries a normal solution (A) All sons and daughters haemon (B) 50% haemophilic colour blind solution (C) No sons and daughters haemon (D) 50% haemophilic daughters (ca	man. V philic ar sons and philic ar	Vhat is the progeny? nd colour blind. d 50% normal sons. nd colour blind.	
73.	The variability of a seed is tested by :			
	(A) 2, 5-triphenyl tetrazolium chlor	ride		
	(B) 2, 6-dichlorophenol indopheno	ls		
	(C) DMSO			
	(D) IAA			
74.	If a plant produces flowers when ex 3 hours dark, in a 24 hour cycle then			riods of 5 hours light and
	(A) Long day plant	(B)		
	(C) Day neutral plant	(D)	None of the above	
	(c) cis intent part	(-)		
75.	Select the incorrect statement.			
	(A) Succinyl CoA takes part in syn	thesis o	f pyrrole compounds	AND THE PROPERTY OF THE PARTY O
	(B) Respiratory substrate is formed	by hyc	lrolysis of starch or su	acrose.
	(C) In the preparatory phase of g 3-phosphate.	lycolys	is glucose is broken	down to glyceraldehyde
	(D) Citric acid is the first product of	of Kreb'	s cycle.	
76.			200 B	
	(A) Bergerstein (B) Kramer		(C) Priestley	(D) Stephen Hales
77.	If CO <sub>2</sub> concentration suddenly incocurs:	reases	around the leaf, one	e of the following events
	(A) Decrease in transpiration due t	o sudd	en closure of stomata	
	(B) Transpiration will not be affect			
	(C) Stomata open gradually			
	(D) Stomata open suddenly			
78.	Cell P has OP = 12 atm and TP = 6 atr of water will be:	n; cell Ç	has OP=8 atm and	TP=4 atm. The movement
	(A) From P to Q	(B)	Exosmosis	
	(C) From Q to P	(D)	No net movement	
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- Sclerotium is formed under unfavourable conditions by :
  - (A) Plasmotony

- Thickening of sporangium
- Rounding of Myxamoebae
- (D) Rounding of Plasmodium
- Binomial nomenclature was mentioned for the first time in the book:
  - (A) Historia plantarum
- (B) Systema Naturae
- (C) Philosphie Zoologique (D) None of these
- Secondary metabolites is considered to be of much importance in :
  - (A) Karyotaxonomy
- (B) Chemotaxonomy
- (C) Biochemical taxonomy
- (D) Numerical taxonomy
- 82. Select the correct definition.
  - (A) Pedology:
    - It is the study of adaptations.
  - (B) Ecotone :
- It is the regulation of organisms behaviour.
- (C) Synecology:
- Interrelationship of the organisms of a species in a given environm
- (D) Autecology:
- Interrelationship of an organism to environment.
- Montreal protocol deals with:
  - (A) Use for alternatives of CFC
  - (B) Limiting the use of ODS
  - Reducing green house gas emission
  - (D) Both (A) and (B)
- 84. The function of filiform apparatus is to:
  - (A) Produce nectar
- (B) Stimulate division of generative cell
- (C) Guide the entry of pollen tube
- Recognise the suitable pollen at the stigma (D)
- 85. Molecular formula of "Chlorophyll a" is:
  - (A) C<sub>55</sub> H<sub>70</sub> O<sub>5</sub> N<sub>4</sub> Mg
- C55 H72 O5 N4 Mg
- (C) C<sub>55</sub> H<sub>72</sub> O<sub>4</sub> N<sub>4</sub> Mg
- (D) C<sub>55</sub> H<sub>70</sub> O<sub>6</sub> N<sub>4</sub> Mg
- Select the immobile element in plants.
  - (A) Sulphur
- (B) Potassium
- (C) Phosphorus
- (D) Magnesium

- Chlorenchyma is known to develop in the:
  - (A) Spore capsule of a moss (B)
    - Cytoplasm of Chlorella
  - (C) Pollen tube of Pinus
- (D) Petiole of Canna

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88	Prokaryotic organisms devoid of cell wall are :
	(A) Cyanobacteria (B) Bacteria (C) Mycoplasma (D) Actinomycetes
89	Read the following statements and select the correct option:  (a) Tapetum nourishes the developing pollen grains.  (b) Hilum represents the junction between ovule and funicle.  (c) In water Hyacinth and water Lilly, pollination is by water.  (d) The Primary endosperm nucleus is triploid.  (A) (a) and (d) are correct, but (b) and (c) are incorrect  (B) (a) and (b) are correct, but (c) and (d) are incorrect
	(D) (a), (b) and (d) are correct, but (a) is incorrect (D) (a), (b) and (d) are correct, but (c) is incorrect
90.	Delphinium, Anemone and Aquelegia are grown as ornamentals, belongs to the family:  (A) Rhamnaceae (B) Euphorbiaceae (C) Ranunculaceae (D) Magnoliaceae
91.	The plane of cell wall formation in a dividing cell is determined by :  (A) Endoplasmic reticulum (B) Microfilaments  (C) Golgi apparatus (D) Microtubules
92.	The book on "Diversity of life" was written by :  (A) Linnaeus (B) E.O. Wilson (C) Charles Darwin (D) Aldo Leopold
93.	The binary name in which the specific epithet exactly repeats the generic name is called:  (A) Tautonym  (B) Autonym  (C) Basionym  (D) Homonym
94.	A syntype is:  (A) Specimens used by the author as a nomenclatural type  (B) Anyone of two or more specimens cited by the author when no holotype was designated  (C) Any duplicate of the holotype  (D) Specimen cited in the protologue other than the holotype
95.	Succession in acidic water or acidic soil is called:  (A) Mesosere (B) Halosere (C) Oxylosere (D) Acidosere
96.	Different pollination mechanism in plants are given below. Which among the following is incorrect?  (A) Flap trap mechanism - Aristolochia  (B) Trap door mechanism - Ficus  (C) Bristle mechanism - Pinguiculaalpina  (D) Lever mechanism - White centaurea

97.	Dev	relopmental sequence of male gametophyte is given. Select the correct sequence.
	(A)	Sporogenous tissue → pollen mother cell → microspore tetrad → male gamete → pollen grain.
	(B)	Sporogenous tissue $\rightarrow$ microspore tetrad $\rightarrow$ pollen mother cell $\rightarrow$ male gamete $\rightarrow$ pollen grain.
	(C)	Sporogenous tissue $\rightarrow$ pollen mother cell $\rightarrow$ microspore tetrad $\rightarrow$ pollen grain $\rightarrow$ male gamete.
	(D)	Sporogenous tissue $\rightarrow$ pollen mother cell $\rightarrow$ pollen grain $\rightarrow$ microspore tetrad $\rightarrow$ male gamete.
98.	Killi	nga monocephala belongs to the family :
		Cyperaeae (B) Poaceae (C) Celastraceae (D) Caryophyllaceae
99.	Whi	ch one of the following statement is not true for Bryophytes?
	(A)	They lack tracheids and sieve tube
	(B)	They undergo meiosis to produce sporophyte
	(C)	They are photosynthetic gametophyte
	(D)	Their spore germinate to produce gametophyte
100.	Whic	ch of the following is not an essential element for plants?
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(B) Zinc (C) Copper (D) Iron

(A) Aluminium