

SNo	Question	Option1	Option2	Option3	Option4	Correct Option
1	DNA is a polymer of...?	Nucleotides	Amino Acids	Hexose	Ethylene	1
2	Which of the following is not an insect?	Stag Beetle	Horse Fly	Tarantula	Honey Bee	3
3	What is the metal Ion found in Chlorophyll?	Cobolt	Copper	Selenium	Magnesium	4
4	What process causes a rainbow to have multiple colours?	Iridescence	Diffraction	Flourescence	Refraction	2
5	What is the causative agent of Malaria?	Mosquito	Bacteria	Plasmodium	Virus	3
6	Which of these organisms lack of nucelar membrane	Pangolin	Euglena	Clostridium	Plasmodium	3
7	What is the role of mitochondrion?	Removal of misfolded proteins	Glycolysis	Production of lysozyme	Production of ATP	4
8	The tropic of cancer does not pass through which country?	Columbia	Mexico	Bangaldesh	India	1
9	Which organ produces insulin?	Thyroid	Spleen	Adrenal Gland	Pancreas	4
10	The theory of continental drift is...?	Jet streams carry weather patterns	Continents are have moved relative to each other over geological time	Ocean currents carry minerals between land masses	Animals have populated different currents by floating between land-masses	2
11	In ecology, a niche is...?	Preferred nesting sites for species of birds	The match of species to specific envirinemntal conditons	Origin of streams	Hunting grounds of tigers	2
12	Which planet is closest to the sun?	Mars	Earth	Venus	Mercury	4
13	Which country is associated with sushi	Japan	Mexico	Jamaica	Taiwan	1
14	Earth's natural satellite is better known as...?	Sputnik	Titan	Moon	Kupfer's Belt	3
15	The ring of fire accounts for two-thirds of all earthquakes. Where is it?	In the Sumatran Sea	In the Tibetan Plateau	Around the Pacific Ocean	Persian Gulf	3
16	The Malabar Coast is found in which state?	Maharashtra	Tamil Nadu	Odisha	Kerala	4

17	Which of the following states has a unicameral legislature?	Karnataka	Kerala	Bihar	Maharashtra	2
18	What is the UN Body that collates the science on climate change?	World Health Organisation	Intergovernmental Panel on Climate Change	World Metereological Organisation	International Policy on Global Warming	2
19	What does a light-year measure?	Distance	Time	Speed	Mass	1
20	What is the plant cell wall made of?	Starch	Lignin	Chitin	Cellulose	4
21	Which vaccine is used against TB	Varicella	HiB	DPT	BCG	4
22	Dean's office will have following responsibilities:	academic, programmatic, managerial, and fiscal.	. running research facilities sports facilities, landscaping and radiation safety only.	running swimming pool, hospitality services, security and canteen only.	writing extramural grants, talking to faculty about extra-circular activities.	1
23	Hearing is detected in...	The Jaw Joint	The Cochlea	The Semi-Circular Canals	The Lagena	2
24	In the human eye which photoreceptors detect colour?	Cones	Rectalineal	Pyramidal	Rods	1
25	Where did the Vijaynagar Empire have its main capital?	Mysore	Vijaywada	Hampi	Hubli	3
26	What is hair primarily made of?	Collagen	Keratin	Cellulose	Lignin	2
27	Dean provides:	leadership and guidance in the development and implementation of policy relating to faculty recruitment shared with director.	leadership and guidance in the development and implementation of policy relating to recruitment of the director.	leadership and guidance in the development and implementation of policy relating to recruitment of council members.	leadership and guidance in the development and implementation of policy relating to recruitment of technical staff only.	1
28	Which of the following is used in a pencil?	Silicon	Phosphorous	Iron	Graphite	4

29	Dean has the responsibility of:	addressing the grievances of teaching and non-teaching staff.	addressing the grievances of faculty only.	addressing the grievances of council members.	addressing the grievances of director's office.	1
30	Who painted the Mona Lisa?	Da Vinci	Van Gogh	Michaelangelo	Raphael	1
31	What is the next number in the series; 0.5, 1.5, 4.5, 13.5, X?	39.5	38.5	41.5	40.5	4
32	Which of the following diseases is not transmitted by mosquitoes	Dengue	Malaria	Zika	Sleeping Sickness	4
33	Dean of an institution reports to:	Education ministry of Central Government	Education ministry of State Government	Director of the institution	Management and Council	3
34	General administrative responsibilities of the Dean's office include:	Provides direction, resources, and oversight to ensure sponsored research and related activities of Science and Technology ministries.	Provides direction, resources, and oversight to ensure that all key personnel complete and comply with required education and meet annual training requirements.	Supports and endorses cooperation with the key funding agencies.	All of the above	4
35	Which of the following is not an enzyme	Trysin	Amylase	Pepsin	Somatotrpholin	4
36	Which Architect Is associated with the layout of New Delhi	Russel	Baker	Lutyens	Bloomfield	3
37	Which country;s largest city is Auckland	Australia	Netherlands	Ireland	New Zealand	4

38	Role of Dean's office in Protocol Preparation and Review	Provides direction, resources, and oversight to ensure that research protocols are in compliance with competent authorities	Will have responsibility of writing the protocols as per the state government procedure.	Will have the responsibility of the writing the protocols as per the guidelines of state education department.	None of the above	1
39	The study of human evolution indicates that we evolved from a single species in...?	Africa	America	Central Asia	Middle East	1
40	What date does the vernal equinox fall on?	22nd June	20th May	20th March	20th July	3
41	What did Edward Jenner discover?	High Yeild Rice	Nerve Theory	Vaccination	In Vitro Fertilisation	3
42	Role of Dean's office in preparing budget proposal:	is to prepare budget proposal based on research needs and academic program priorities.	is to negotiate with funding agencies	is to negotiate with Central Government	is to negotiate with State Government	1
43	Role of Dean's office in the preparation of Scientific Proposal:	Supports and endorses development and implementation of policies and procedures to ensure proposal preparation, review, approval, and submission in accordance with funding agencies.	Dean's office has no role in writing scientific proposal	Dean's office will just make cosmetic changes to the scientific proposal	None of the above	2

44	Natural Selection is...	mutation in response to an environmental challenge	breeding crops for increased yield	the differential survival and reproduction of individuals due to natural variation in a population	The development of animals	3
45	Which of the following is never a congenital disease?	Measles	Deafness	Fragile X Syndrome	Heart Disease	1
46	How many daughter cells are produced in mitosis	2	4	8	6	1
47	Dean has to the responsibility of:	working with technical heads in providing technical services to the nation.	working with faculty to ensure adherence to accreditation standards, enhanced community engagement, and excellence in education and research.	working with security officers to provide technical services required for the campus.	working with hospitality services to provide the timely guidance to S&T department.	2
48	What does diploid mean?	Two sets of chromosomes; one from the father and one from the mother	An animal with two legs	Plants with two embryonic leaves in the seed	Two cell stage	1
49	Dean's office is:	responsible for managing academic programs only.	responsible for managing and monitoring budgets and allocations.	responsible for writing all the extra-mural grants of the institution.	responsible for rejecting extra-mural grants of the institution.	2
50	Dean has the responsibility of approving:	Petty cash indents only	Stores purchase indents only	Coffee and snack bills only	None of the above	4