

This booklet consists of 100 questions and 12 printed pages.

RGUCET/2023/PG/03

Series

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RGUCET 2023

**PG DIPLOMA IN ENVIRONMENTAL SANITATION (PGDES)**

**Full Marks: 100**

**Time: 2 Hours**

Roll No.

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Day and Date of Examination :

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Signature of Invigilator(s) :

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Signature of Candidate :

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*General Instructions:*

***PLEASE READ ALL THE INSTRUCTIONS CAREFULLY BEFORE MAKING ANY ENTRY.***

1. DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO.
2. Candidate must write his/her Roll Number on the space provided.
3. This Test Booklet contains 100 Multiple Choice Questions (MCQs). Each question carries 1 mark. There shall be negative marking of 0.25 against each wrong attempt.
4. Please check the Test Booklet to verify that the total pages and total number of questions contained in the test booklet are the same as those printed on the top of the first page. Also check whether the questions are in sequential order or not.
5. Candidates are not permitted to enter into the examination hall 15 minutes after the commencement of the entrance test or leave the examination hall before 30 minutes of end of examination.
6. Making any identification mark in the OMR Answer Sheet or writing Roll Number anywhere other than the specified places will lead to disqualification of the candidate.
7. Candidates shall maintain silence inside and outside the examination hall. If candidate(s) is/are found violating the instructions mentioned herein or announced in the examination hall, they will be summarily disqualified from the entrance test.
8. In case of any dispute, the decision of the Entrance Test Committee, RGU shall be final and binding.
9. The OMR Answer Sheet consists of two copies, the Original copy and the Student's copy.

1	In which country the next G-20 Summit will be held in 2024?				A	Brazil
	a) Brazil	b) South Africa	c) Indonesia	d) India		
2	Who is the current Governor of RBI				A	Saktikanta Das
	a) Saktikanta Das	b) Raghuram Rajan	c) Urjit Patel	d) Osborne Smith		

3	Who is the current Chief of the Army Staff of India?				a	Manoj Pandey
	a) Manoj Pandey	b) Hari Kumar	c) Mangal Rai	d) G. Singh		
4	Who among the following is the architect of the new Lok Sabha Building?				c	Bimal Hasmukh Patel
	a) B V Doshi	b) Brinda Somaya	c) Bimal Hasmukh Patel	d) Shimul Javeri		
5	Which meeting of the NITI Aayog Governing Council was recently held in New Delhi?				c	8
	a) 6 <sup>th</sup>	b) 7 <sup>th</sup>	c) 8 <sup>th</sup>	d) 9 <sup>th</sup>		
6	In which ocean have researchers discovered over 5,000 new species in a region known as the Clarion-Clipperton Zone (CCZ)?				d	Pacific Ocean
	a) Indian Ocean	b) Arctic Ocean	c) Southern Ocean	d) Pacific Ocean		
7	Which Indian company has expanded its partnership with Google Cloud recently?				d	TCS
	a) Amazon	b) Google India	c) Flipkart	d) TCS		
8	The recently launched 'Meri LiFE' app in India is based on which of the following concepts?				a	

	a) Saving the environment	b) Saving energy	c) Protecting forests	d) Reducing emissions		Saving the environment
9	Which of the following temples, built by Pandavas, was declared a national monument?				d	Tungnath Temple
	a) Yamunotri Temple	b) Badrinath Temple	c) Kedarnath Temple	d) Tungnath Temple		

10	One morning Udai and Vishal were talking to each other face to face at a crossing. If Vishal's shadow was exactly to the left of Udai, which direction was Udai facing?				C	North
	a) East	b) West	c) North	d) South		
11	In a code, ARUNACHAL is written as LAHCANURA. How can ITANAGAR be written in that code?				C	RAGANATI
	a) ANITGAAR	b) GARANATI	c) RAGANATI	d) RATINAG		
12	1, 3, 5, 7,.....				C	11
	a) 13	b) 10	c) 11	d) 20		
13	In a code, SOMPA is written as TPNQB. How can ONJU be written in that code?				A	POKV
	a) POKV	b) TPQB	c) XZYV	d) ARST		

14	Insect: Diseases:: War: ?				d	Destruction
	a) Army	b) Defeat	c) Arsenal	d) Destruction		
15	Book: Cover:: Photo:				a	Frame
	a) Frame	b) colour	c) wall	d) flash		
16	Find the odd from the given alternative				d	Driving
	a) swimming	b) sailing	c) diving	d) driving		
17	Find the odd from the given alternative				b	House
	a) Beam	b) House	c) Post	d) Pillar		

18	3,4,7,8,11,12 .....what number should come next?				d	15
	a)11	b) 12	c) 14	d) 15		
19	In certain code FIRE is coded as DGPC. What will be the last letter of the coded word for SHOT				b	R
	a) Q	b) R	c) S	d) P		
20	If SUMMER is coded as RUNNER, the code for WINTER will be				b	VIOUER
	a) SUITER	b) VIOUER	c) WALKER	d) SUFFER		

21	A person who loves to read and study				A	Erudite
	a)Erudite	b) LEARNED	c)Scholarly	d)Academic		
22	SHARK : AQUATIC :: ?				A	FOX : FOREST
	a)FOX : FOREST	b)BEAR : MOUNTAIN	c)OWL : NIGHT	d)BAT : CAVE		
23	If South-East becomes North, North-East becomes West and so on. What will West become?				B	South East
	a)North-East	b) South East	c) North-West	d) South West		
24	Pointing to a photograph of a boy Suresh said, "He is the son of the only son of my mother." How is Suresh related to that boy?				B	Father
	a) Brother	b) Father	c) Uncle	d) Cousin		
25	Arrange the words given below in a meaningful sequence. 1. Word. 2. Paragraph. 3. Sentence. 4. Letters. 5. Phrase				C	4, 1, 5, 3, 2
	a)4, 1, 5, 2, 3	b)4, 2, 5, 1, 3	c)4, 1, 5, 3, 2	d)4, 1, 3, 5, 2		
26	What is the next in series of : 120, 99, 80, 63, 48, ?				B	35

	a) 33	b) 35	c) 38	d) 40		
27	3, 10, 101,?				A	10202
	a)10202	b)10101	c)10201	d)11012		
28	The "Posa System" of the Ahom is concerned with the Ahom's relationship with				D	With Hill Tribes
	a) British	b) With Myanmar	c) With Bengal	d) With Hill Tribes		
29	From the perspective of Internal Security which of the following concerning Drug Trafficking is more related to Northeast India				B	Golden Triangle
	a) Golden Crescent	b) Golden Triangle	c) Red Corridor	d)Khalistan Movement		
30	"Donyi Polo Express" now connects				A	Arunachal Pradesh- Assam- Nagaland
	a) Arunachal Pradesh- Assam-Nagaland	b) Arunachal Pradesh-Assam	c) Arunachal Pradesh- Assam- Meghalaya	d) Arunachal Pradesh- Assam- West Bengal		
31	Which of the following is not a Ramsar Wetland Site in Northeast India				C	Ganga Lake (Arunachal Pradesh)
	a) DeeporBeel (Assam)	b) LoktakLake (Manipur)	c) Ganga Lake (Arunachal Pradesh)	d) Palak Lake (Mizoram)		
32	Which is the oldest insurgency in Northeast India?				D	Naga Insurgency
	a) ULFA Insurgency (Assam)	b) Mizo Insurgency	c) Bodo Insurgency	d) Naga Insurgency		
33	Which of the following is not a greenhouse gas				A	Oxygen
	a) Oxygen	b) Carbon dioxide	c) Methane	d) Nitrous Oxide		

34	Jhum Cultivation doesnot lead to				C	Biodiversity protection
	a) Deforestation	b)Landslide	c)Biodiversity protection	d)Environmental degradation		
35	According to seismic zone of India, Northeast India falls under which zone				A	Zone- V (very severe intensity zone)
	a) Zone- V (very severe intensity zone)	b) Zone- IV (severe intensity zone)	c) Zone-III (moderate intensity zone)	d) Zone- II (low-intensity zone)		
36	The right to have a clean environment is embedded in which the article of Indian constitution				B	Article 21
	a) Article 19	b) Article 21	c) Article 15	d) Article 16		
37	In accordance with the Constitution, our country has two names, they are				A	India and Bharat
	a) India and Bharat	b) India and Hindustan	c) Hindustan and Bharat	d) Bharatbarsha and Hindustan		
38	Who is the author of the book “India Against itself?”				C	Sanjib Barua
	a) Amalendu Guha	b) SubhirBhumik	c) Sanjib Barua	d) Dolly Kikon		
39	Concerning zoonosis disease, which of the following is correct				D	It transmitted from Animal to human
	a) It transmitted from Human to Human	b) It Transmitted from Human to Animal	c) It transmitted from Animal to Animal	d) It transmitted from Animal to human		
40	Who called the Article 32 of the Indian constitution as the “heart and soul”				B	Dr. B. R. Ambedkar
	a) Dr. Rajendra Prashad	b) Dr. B. R. Ambedkar	c) Jawaharlal Nehru	d) Mahatma Gandhi		
41	Who wrote the book “Hind Swaraj”				C	Mahatma Gandhi
	a)Bal Gangadhar Tilak	b) Jawaharlal Nehru	c) Mahatma Gandhi	d) Madan Mohan Malviya		
42	Who wrote the book “Annihilation of Caste”?				B	

	a) Rajni Kothari	b) B. R Ambedkar	c) Rabindranath Tagore	d) Subhas Chandra Bose		B. R Ambedkar
43	Which of following India is not a member				B	G-7
	a) G-20	b) G-7	c) BRICS	d) BBIN		
44	Which of the following is not correct concerning Manual scavenging?				C	Reflection of Professionalism
	a) Degradation of Human Dignity	b) Reflection of Poverty	c) Reflection of Professionalism	d) Struggle for Survive		

45	Arunachal Pradesh share its border with how many foreign countries?				b	3
	a) 2	b) 3	c) 4	d) 5		
46	Total number of state Assembly Constituency in Arunachal Pradesh is				c	60
	a) 50	b) 56	c) 60	d) 62		
47	In which year the North East Frontier Agency was renamed as Arunachal Pradesh				b	1972
	a) 1970	b) 1972	c) 1982	d) 1962		
48	The Rowlatt Act was passed in				a	1919
	a) 1919	b) 1907	c) 1921	d) 1912		
49	Mahatma Gandhi launched Kheda Satyagrah on Gujarat in 1918 to support the cause of :				c	The peasants
	a) Mill Owners	b) Land Lords	c) The peasants	d) Kol Rebellion		
50	Bande Matram was series of articles published in the year 1907 by				b	Sri Aurobindo Ghosh
	a) Bal Gangadhar Tilak	b) Sri Aurobindo Ghosh	c) Domadar Chapekar	d) Balkrishana Chapekar		

51	Which of these is a form of precipitation				d	Hail
	a) Dew	b) fog	c) Mist	d) Hail		
52	The tropical forest in Amazon basin is known as				c	Selvas
	a) savana	b) Prairies	c) Selvas	d) Pampas		
53	"Tin Bigha " Corridor connects				d	Bangladesh and India
	a) India and Pakistan	b) India and China	c) Bangladesh and Pakistan	d) Bangladesh and India		
54	On which date the Swach Bharat Abhiyan was launched?				d	2 <sup>nd</sup> Ocotber 2014
	a) 15 <sup>th</sup> August 2104	b) 26 <sup>th</sup> January 2015	c) 15 <sup>th</sup> August 2015	d) 2 <sup>nd</sup> Ocotber 2014		
55	After which sewage treatment can the water be sent to the natural source?				b	Tertiary Treatment
	a)Primary treatment	b) Tertiary Treatment	c) Secondary treatment	d) none of these		
56	Which of the following is not water-borne disease?				b	itching
	a) Thypoid	b) itching	c) Cholera	d) Hepatitis		
57	The word 'Hygiene' is derived from Hygeia which means				b	Living well
	a) Purity	b) Living well	c) being neat	d) wash daily		
58	Which disease is spread by unclean water?				c	Cholera
	a) Tuberculosis	b) small fox	c) Cholera	d) night blindness		
59	Poor hair hygiene could cause dandruff and skin infection as				c	Tinea captis
	a) Cellulitis	b) Furuncles	c)Tinea captis	d) erysiples		
60	Which of the following can act as sanitation technology?				a	



a) Environmental sanitation	b) Wet sanitation	c) Weir sanitation	d) Notch sanitation	Environmental sanitation
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61	Which city is called as Pink City				B	Jaipur
	a) Vadodara	b) Jaipur	c) Chennai	d) Jaipur		
62	'Hwang Ho' River is also called as _____				C	China's sorrow
	a) Bhutan's Sorrow	b) Japan's Sorrow	c) China's sorrow	d) South Korea's sorrow		
63	Periyar National Park is located in which place.				B	Kerala
	a) Tamil Nadu	b) Kerala	c) Karnataka	d) Andhra Pradesh		
64	Namdapha National Park is located in _____.				A	Arunachal Pradesh
	a) Arunachal Pradesh	b) Uttar Pradesh	c) Himachal Pradesh	d) Andhra Pradesh		
65	Who was the first Indian woman to scale the Mount Everest?				C	Bachhendri Pal
	a) Malavath Purna	b) Premlata Aggarwal	c) Bachhendri Pal	d) Arunima Sinha		
66	What is the process by which a solid changes directly to a gas without passing through the liquid phase?				A	Sublimation
	a) Sublimation	b) Melting	c) Condensation	d) Evaporation		
67	What is the name of the process in which plants use sunlight				D	Photosynthesis
	a) Digestion	b)	c) Respiration	d)		

		Fermentation		Photosynthesis		
68	Which of the following is a type of cell that is responsible for carrying oxygen throughout the body?				C	Red blood cell
	a) Nerve cell	b) Muscle cell	c) Red blood cell	d) White blood cell		
69	Which of the following is the largest organ in the human body?				A	Skin
	a) Skin	b) Brain	c) Heart	d) Liver		
70	What is the maximum gap between two sessions of a Parliament?				A	6 months
	a) 6 months	b) 8 months	c) 10 months	d) 1 year		
71	In which state was the Panchayati Raj first introduced?				B	Rajasthan
	a) Bihar	b) Rajasthan	c) Madhya Pradesh	d) Uttar Pradesh		

72	<b>The World Health Day is celebrated on _____</b>				d)	7 <sup>th</sup> November
	a) 2 <sup>nd</sup> March	b) 7 <sup>th</sup> April	c) 5 <sup>th</sup> October	d) 7 <sup>th</sup> November		
73	<b>Cleanliness, physical exercise, rest and sleep are a part of _____</b>				b)	Personal Hygiene
	a) Social Hygiene	b) Personal Hygiene	c) Environmental Hygiene	d) All of the above		
74	<b>Which one of the following is not a bacterial disease?</b>				d)	All of the above
	a) AIDS	b) Dengue	c) Measles	d) All of the above		
75	<b>Nourishment of nerve cells is provided by?</b>				c)	Vitamin B1
	a) Vitamin E	b) Vitamin C	c) Vitamin B1	d) Vitamin D		
76	Major illness caused due to non availability of sanitation facilities?					

	a) Heart attack	b) Diarrhoea	c) Obesity	d) cancer	b)	Diarrhoea
77	How can you tell if food has enough bacteria to cause food poisoning?				b)	You can't, it will appear normal.
	a) It will smell.	b) You can't, it will appear normal.	c) It will have a different colour.	d) It will taste different.		
78	The maximum amount of forest covered area is present in _____				d)	Madhya Pradesh
	a) Arunachal Pradesh	b) Jharkhand	c) Odhisa	d) Madhya Pradesh		
79	What is the name given to the green pigment in plants?				b)	Chlorophyll
	a) Stomata	b) Chlorophyll	c) Tendrils	d) Starch		
80	Which ministry initiated the Swachh Bharat Mission?				d)	Ministry of Drinking water and Sanitation
	a) Ministry of Environment and forest	b) Ministry of Urban development	c) Ministry of Urban Development Housing	d) Ministry of Drinking water and Sanitation		
81	Which of the following can act as the main transmission element of fecal-oral diseases?				b)	Fingers
	a) Fungi	b) Fingers	c) Fire	d) Air		
82	What s the primary reason for why many water-projects in developing countries fail?				a)	Lack of Maintenance
	a) Lack of Maintenance	b) Corruption	c) lack public awareness	d) None		
83	Smog is _____				d)	smoke and fog
	a) smoke	b) other name for dust storm	c) moistened air gases	d) smoke and fog		
84	<b>Which one of the following is not a greenhouse gas?</b>				b)	carbon monoxide
	a) carbon dioxide	b) carbon monoxide	c) Methane	d) HFCs		
85	<b>'Ozone hole' means _____</b>				b)	decrease in the concentration of ozone
	a) increase in the concentration of ozone	b) decrease in the concentration of ozone	c) same concentration of ozone	d) hole in the stratosphere		
86	<b>Bhopal gas tragedy of 1984 was caused by the leakage of _____</b>				a)	methyl isocyanate
	a) methyl isocyanate	b) 2-4 dichlorophenoxyacetic acid	c) ammonia	d) hydrogen cyanide		

87	Chipko movement was first led by _____				c)	Sunderlal Bahuguna
	a) Rajiv Gandhi	b) Ramdev Mishra	c) Sunderlal Bahuguna	d) Medha Pathkar		
88	World Environment day is celebrated on which day?				b)	5 <sup>th</sup> June
	a) 7 <sup>th</sup> July	b) 5 <sup>th</sup> June	c) 9 <sup>th</sup> April	d) 25 <sup>th</sup> December		
89	PGDES course run by Rajiv Gandhi University stand for _____				c)	PG Diploma in Environmental Sanitation
	a) PG Degree in Environment Studies	b) PG Degree in Ethical Studies	c) PG Diploma in Environmental Sanitation	d) PG Diploma in Environmental Studies		
90	Slums in urban areas denote _____				c)	overpopulation and migration
	a) illiteracy	b) education and development	c) overpopulation and migration	d) division of labour		
91	Narmada Bachao Andolan, 1985 was initiated by _____				c)	Medha Patkar
	a) Megan Fox	b) Medha Shailaja Payekar	c) Medha Patkar	d) Megha Soni		

92	For me Breakfast is..... best meal of the day.				C	The
	a) A	b) An	c) The	d) none of the above		
93	There is..... Fish in..... Bottle				B	A, The
	a) the, the	b) a, the	c) a, a	d) a an		
94	Meaning of "Chicken Feed".				A	A very small amount of money
	a) A very small amount of money	b) A huge amount of money	c) Food for thought	d) None of these		
95	Synonym of Exhort				D	To urge strongly
	a) Beg	b) Borrow	c) Weak plea	d) To urge strongly		
96	Synonym of Abrogate					

	a) Abolish	b) Fascinate	c) Create	d) Run	A	Abolish
97	Choose the word spelt correctly				C	Beginning
	a) Beginninnng	b) Begining	c) Beginning	d) Beggini ng		
98	Choose the word spelt correctly				B	Substantial
	a) Substantiel	b) Substantial	c) Substtential	d) Subste ntial		
99	Synonym of Chagrin.				D	Vexation
	a) Give up	b) Levy	c) Delight	d) Vexatio n		
100	Antonym of Slur				D	Praise
	a) Hit	b) Rap	c) Blur	d) Praise		

**SPACE FOR ROUGH WORK**