This booklet consists of <u>100</u> questions and <u>12</u> printed pages.

RGUCET/2023/PGD/07

Series

NIL

RGUCET 2023
POST GRADUATE DIPLOMA IN TOURISM MANAGEMENT (PGDTM)

Full Marks: 100   **Time: 2 Hours**

Roll No.

Day and Date of Examination   :

Signature of Invigilator(s)   :

Signature of Candidate   :

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	X introduces Y saying, "He is the husband of the granddaughter of the father of my father". How is Y related to X?				(c)	Brother -in-law
	a) Brother	b) Son	c) Brother-in-law	d) Son-in-law		
2	Paw : Cat :: Hoof : ?				(b)	Horse
	a)Lamb	b)Horse	c)Elephant	d)Tiger		
3	Melt : Liquid :: Freeze : ?				(b)	Solid
	a) Ice	b) Solid	c) Condense	d) Push		
4	Look at this series,what number should come next? 2, 1, (1/2), (1/4), ?				(a)	1/8
	a) 1/8	b) 1/3	c) 2/8	d) 1/16		
5	Pick the odd one out.				(d)	Biased
	a) Just	b) Fair	c) Equitable	d) Biased		
6	If all cats have fur and Fluffy has fur, what can you conclude?				(c)	Fluffy might be a cat
	a)Fluffy is a cat	b)Fluffy is not a cat	c)Fluffy might be a cat	d) All cats are fluffy		
7	Which number does not belong in the following sequence: 2, 5, 8, 11, 14, 18, 20				(d)	18
	a) 2	b) 8	c) 14	d) 18		
8	If all apples are fruits and some fruits are oranges, which of the following must be true?				(c)	Some apples are oranges
	a)All apples are oranges	b)All oranges are apples	c)Some apples are oranges	d) No apples are oranges		
9	Solve: $36 \div 6 \times 3 + 2^2 - (3 + 5)$				(b)	14
	a) 8	b) 14	c) 18	d) 24		
10	Choose the number which is different from others.				(d)	144
	a)27	b) 64	c) 125	d) 144		
11	In the following question, choose the correct code form. If, in a language, 'one' is called 'two', 'two' is called 'three', 'three' is called 'four', 'four' is called 'five' and 'five' is called 'six'.				(c)	Five

	Then what is the square of number 2?					
	a) Three	b) Four	c) Five	d) Six		
12	How many different ten letter words can be formed using the letters of the word "STATISTICS" if repetition is not allowed ?					50400
	a) 25200	b) 75600	c) 50400	d) 100800	C	
13	Among five friends Mahesh is taller than Karan but not Yash. Hrithik is taller than Yash but not Abhishek. If they stand in increasing order of their heights, who will be first in line ?					Karan
	a)Abhishek	b)Yash	c)Karan	d)Mahesh	C	
14	D is A's son, C is the mother of P and wife of D. How is A related to C ?					Father-in-law
	a)Father	b)uncle	c)Father-in-law	d)Data inadequate	C	
15	Sushil lives to the north of Rajesh who lives to the west of Kamlesh. Arun who lives to the south of Sushil will have his house in which direction with respect to Kamlesh ?					South-west
	a)North-west	b)North	c)South-west	d)South-east	C	
16	How many pairs of letters are there in the word DELUSION which have as many letters between them in the word as there are in the English alphabet ?					none of these
	a)one	b)two	c)three	d)none of these	D	
17	Of the two subjects offered to a class in their final year, 32 students in all are studying psychology while a total of 26 students are studying sociology. If 16 students have opted to specialize in both, what is the strength of the class ?					42
	a)74	b)58	c)42	d)60	C	
18	One evening, Raja started to walk toward the sun. after walking a while, he turned to his right and again to his right. After walking a while, he again turned right. In which direction is he facing ?					south

	a)south	b)east	c)west	d)north	A	
19	Vivek and Ashok start from a fixed point. Vivek moves 3 km north and turns right and then covers 4 km. Ashok moves 5 km west and turns right and walks 3 km. Now how far are they apart ?					9 km
	a)10 km	b)9 km	c)8 km	d)6 km	B	
20	From the given alternative words, select the word which cannot be formed using the letters of the given word : MISFORTUNE					ROAM
	a)FORT	b)TURN	c)SOFT	d)ROAM	D	
21	From the given alternative words, select the word which can be formed using the letters of the given word : STRANGULATION					ROASTING
	a)TRIANGLE	b)GARLAND	c)ROASTING	d)TRAUMA	C	
22	Mirage : Desert : : ?					Rainbow : Sky
	a)Sky : Illusion	b)Rainbow : Sky	c)Rain : Rainbow	d) Image : Mirror	B	
23	Country : President : : State : ?					Governor
	a)Chief minister	b)Prime minister	c)Speaker	d)Governor	D	
24	Which one number is wrong in the following series ? 42, 110, 132, 210, 440, 506					506
	a) 42	b) 132	c) 440	d) 506	D	
25	Find out the next two letters of the given series : A, Z, D, X, G, V, J, T, M, ?, ?					R, P
	a) R, P	b) S, N	c) P, R	d) N,S	A	
26	Which shall come next in the following series ? 6, 12, 20, 30, ?				B	42
	a) 40	b) 42	c) 48	d) 52		

27	Which number is wrong in the given series ? 1236, 2346, 3456, 4566, 5686				A	5686
	a) 5686	b) 1236	c) 3456	d) 4566		
28	Which one is different from the other three ?				B	MNOP
	a) DCBA	b) MNOP	c) HGFE	d) LKJI		
29	In a certain code, (a) 274 means 'spread the carpet' (b) 256 means 'dust the carpet' and (c) 234 means 'roll the carpet.' Which digit in that code means 'roll' ?				B	3
	a) 2	b) 3	c) 5	d) 6		
30	You will not pass the test unless ………				b	you work harder
	a)you shall work harder	b) you work harder	c) you work hardly	d) you would work harder		
31	If the postman brings the letter ……keep it with myself till you come or …….to your office.				b	b) should I ------ send it
	a)do I---- send it	b) should I ------send it	c) will I ----- send it	d) can I ---- do I send it		
32	He has come already, ………………?				a	hasn't he
	a) hasn't he	b) isn't he	c)has he	d)isn't it		
33	The country's airline plan seeks to link all major cities ………………………				d	with one anothe
	a) together	b) within themselves	c) one another	d) with one anot		

						her		r

34	What passes…….. education today is just an exercise in memory building.						d	For
	a) in	b) by		c) to		d) for		

35	She added …… the figures twice ,……… to make sure that the total was correct.						a	up…..so as
	a) up…..so as	b) on so ………as		c) in …..because		d) to…..so		

36	I have been ill…….last Monday , and have not been attending office.						a	since
	a) since	b) from		c) after		d) before		

37	The shopkeeper's speciality is dealing …..old books .						c	tiger
	a) out	b) with		c) over		d) in		

38	……………his dying without a will, his nephew will inherit his property						c	In the event of
	a) In event with	b) In event with		c) In the event of		d) Eventually with		

39	………..their old house, they have moved into a bigger ………………..						d	vacating ….one
	a.Since vacating ……house	b. in vacating …..house		c. vacating …..one		d. vacating ….one		

40	Having fed up ……. the routine life, I took leave for two months and went ….an extended trip.						b	With ….on
	a) On ….about	b) With ……on		c) With ….of		On……..on		

41	Australia:kangaroo						b	Tibet:llama
	a)India:Lion	b)Tibet:llama		c)Europe:sea		Brazil: Coffee		

42	Painter : brush							

	a)driver:car	b)teacher:student	c)farmer:hoe	d)cook:apron	c	farmer: hoe
43	Tooth : Gum				d	eye:socket
	a)bone:joint	b)chest:ribs	c)ink:clothes	d)eye:socket		
44	Tree : Forest				c	book :library
	a)professor : college	b)newspaper:press	c)book :library	d)bouquet:flowers		
45	Investment :growth				a	recession:unemployment
	a)recession:unemployment	b)hunger:poverty	c)safety:insurance	d)food:rationing		
46	Choose the word, which has a word most nearly opposite to that of the given word.: Congenial				b	unpleasant
	a)acquired	b)unpleasant	c)peculiar	d)solemn		
47	Choose the word, which has a word most nearly opposite to that of the given word. Modest				d	boastful
	a) humble	b) tolerable	c) arrogant	d) boastful		
48	Choose the word, which has a word most nearly opposite to that of the given word. enthusiasm				a	apathy
	a) apathy	b) excitement	c) joyful	unhappy		
49	Asia's first Export Processing Zone (EPZ) was established in:				(c)	Kandla
	a) Surat	b) Cochin	c) Kandla	d)		

				Chennai		
50	Debenture holders of a company are its:				(b)	Creditors
	a) Shareholders	b) Creditors	c) Debtors	d) Directors		
51	Excise duty is a tax levied on:				(c)	Production of goods
	a) Import of goods	b) Export of goods	c) Production of goods	d) Sale of goods		
52	Which of the following tree sends down roots from its branches to the soil?				(d)	Banyan
	a) Oak	b) Pine	c) Palm	d) Banyan		
53	Electric bulb filament is made of:				(d)	Tungsten
	a) Copper	b) Aluminium	c) Lead	d) Tungsten		
54	Brass gets discoloured in air because of the presence of which of the following gases in the air?				(b)	Hydrogen sulphide
	a) Oxygen	b) Hydrogen sulphide	c) Carbon dioxide	d) Nitrogen		
55	HTML is used to:				(b)	Create webpages
	a) Plot complicated graphs	b) Create webpages	c) Translate languages	d) Solve equations		
56	The ozone layer restricts:				(d)	Ultraviolet radiation
	a) X-rays and gamma rays	b) Visible light	c) Infrared radiation	d) Ultraviolet radiation		
57	Which of the following is not associated with UNO?				(a)	ASEAN
	a) ASEAN	b) ILO	c) WHO	d)		

				UNICEF		
58	The temperature at which water boils depends mainly on:				(c)	Air pressure
	a) Air temperature	b) Relative humidity	c) Air pressure	d) Air density		
59	A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. The sum is:				C	Rs. 698
	a)Rs. 650	b)Rs. 690	c)Rs. 698	d)Rs. 700		
60	Find the compound interest on Rs. 7500 in 2 years at 6% per annum, the interest being compounded half-yearly.				A	Rs. 941.31
	a)Rs. 941.31	b)Rs. 834.44	c)Rs.746.21	d)Rs. 764		
61	A and B together can do a work in 12 days, B and C can do together in 6 days while C and A together can do in 10 days. In how many days C alone will complete the work?				B	10 10/11 days
	a)12 4/5 days	b)10 10/11 days	c)14 5/6 days	d)13 7/8 days		
62	20 men can complete a work in 12 days. 6 days after they started the work, 5 men left the job. How many days will it take to complete the remaining work?				C	8 days
	a)10 days	b)7 days	c)8 days	d)6 days		
63	Devi purchased a car for Rs. 25000 and sold it for Rs. 34800. What is the percent profit she made on the car?				B	39.2%
	a) 40 %	b) 39.2%	c) 38.4%	d) 38%		
64	The profit earned after selling an article for Rs. 1516 is the same as loss incurred after selling the article for Rs. 1112. What is the cost price of the article?				A	Rs. 1314
	a)Rs. 1314	b)Rs. 1343	c)Rs. 1414	d)Rs. 1434		

65	Sika purchased an item for Rs. 9600 and sold it for a loss of 5 percent. From the money, she purchased another item and sold it for a gain of 5 percent. What is her overall gain/loss?				D	loss of Rs. 24
	a)loss of Rs. 36	b)profit of Rs. 24	c)loss of Rs. 56	d)loss of Rs. 24		
66	Lokesh bought an article for Rs.2500. He spent Rs.320 on its shopping. He then sold it for Rs. 4089. What was the percent profit he gained in this transaction?				B	45%
	a)38%	b)45%	c)46%	d)35%		
67	A man buys a single apple for Rs 25. If he were to buy a dozen apples, he would have to pay a total amount of Rs 250. What is approximate Percent discount he would get on buying a dozen apples?				D	17%
	a) 32%	b) 20%	c) 12%	d) 17%		
68	A's and B's age are in the ratio of 4:5. Four years hence, the ratio of their ages will become 5:6. What is B's present age?				B	20 years
	a)25 years	b)20 years	c)30 years	d)40 years		
69	The average age of 3 girls is 10 years. This gets doubled if their mother's age is also included, then what is the age of the mother?				D	50 years
	a)30 years	b)80 years	c)45 years	d)50 years		
70	The respective ratio of the present age of Swati and Trupti is 4:5. Six years hence, the respective ratio of their ages will be 6:7. What is the difference between their ages?				B	3 yr.
	a)2 yr.	b)3 yr.	c)4 yr.	d)Cannot be determined		
71	The ages of two brothers differ by 20 years. If 5 years ago, the elder one be 5 times as old as the younger one, their present ages (in years) are respectively?				B	30,10
	a)25,20	b)30,10	c)20,20	d)20,10		

72	Present age of Jyoti is 4 times the age of Sonia. After 12 yr, Jyoti will be 3 times as old as Sonia. What is the present age of Sonia?				B	
	a)28 yr	b)24 yr	c)20 yr	d)16 yr		24 yr
73	The ages of Shirish and Kunder are in the ratio of 5:6, respectively. After 8 years, the ratio of their ages will be 7:8. What is the difference in their ages?				A	
	a)4 yr	b)8 yr	c)10 yr	d)12 yr		4 yr
74	117, 136, 154, 171, 187, ?				A	
	a)202	b)208	c)210	d)212		202
75	12, 18, 36, 90, 270, ?				A	
	a)945	b)245	c)215	d)285		945
76	31, 43, 57, ?, 91, 111				D	73
	a)48	b)51	c)56	d)73		
77	121, 134, 151, 170, 193, ?				C	222
	a)212	b)216	c)222	d)227		
78	21, 42, ?, 504, 2520, 15120				B	126
	a)111	b)126	c)117	d)120		
79	If 20% of a = b, then b% of 20 is the same as?				A	4% of a
	a)4% of a	b)6% of a	c)8% of a	d)10% of a		
80	A Stationery seller had some Pens, Sharpeners, Erasers & Pencils. He sells 65% of the total units and still has 175 units. Originally, he had?				D	
	a)588 units	b)400 units	c)272 units	d)500 units		500 units
81	The difference of two numbers is 20% of the larger number, if the smaller number is 20, then the larger number is?				B	
	a)15	b)25	c)35	d)45		25
82	A trader mixes two types of rice varieties with a cost of Rs.36 and Rs.42.					

	If he sells the mixture of Rs.44 at 10% profit, in what ratio he mixes two types of rice varieties?				A	1:2
	a)1:2	b)1:3	c)2:3	d)2:5		
83	A man bought 15 items at Rs.120 each, 13 items at Rs 110 each, and 12 items at Rs.130. Find average cost of item?				D	119.75
	a)1723.3	b)1423.36	c)12.36	d)119.75		
84	The average of 7 consecutive numbers is 34. Then find largest of these number?				A	37
	a)37	b)48	c)47	d) 39		
85	Average price of 42 pens is Rs.82, highest price of a pen is 150.What is the lowest price of a pen if average of others 40 pen prices is 81?				D	54
	a)66	b)50	c)62	d)54		
86	What is the average of prime numbers between 1 and 30?				B	12.9
	a)13.6	b)12.9	c)18.9	d)15.6		
87	Average weight of 42 students is 54kg. A new student come and average weight of whole class increases by 1kg. What is the weight of the new student?				D	97
	a)112	b)101	c)99	d)97		
88	A person goes to a certain place at the speed of 4kmph. He returns on bicycle at the speed of 16 kmph. Find his average speed during the whole journey.				C	6.4
	a)3.63	b)9.6	c)6.4	d)6.3		
89	A train 200 m long running at 36 kmph takes 55 seconds to cross a bridge. The length of the bridge is?				C	350 m.
	a)375 m	b)300 m.	c)350 m.	d)325 m.		
90	A train 160m long passes a standing man in 25s. What is the speed of the train?				B	23kmph
	a)21kmph	b)23kmph	c)25kmph	d)27kmph		

91	A train 120m long passes an electric pole in 6s. How long will it take to cross a bridge of 240m long?				A	18s
	a) 18s	b) 16m	c) 13m	d) 15s		
92	Two trains are running at 60 km/hr and 40 km/hr respectively in the same direction. Faster train completely passes a man sitting in the slower train in 54 seconds. What is the length of the fast train?				C	300 m
	a) 100 m	b) 150 m	c) 300 m	d) 200 m		
93	A motor-cycle covers 40 km with a speed of 20 km/hr. find the speed of the motor-cycle for the next 40 km journey so that the average speed of the whole journey will be 30 km/hr.				C	60 km/hr
	a) 70 km/hr	b) 52.5 km/hr	c) 60 km/hr	d) 60.5 km/hr		
94	Speed of the current is 12.5% of the downstream speed of the boat. The time taken by the boat to cover 300 km in downstream is 5 hours more than the time taken by the boat to cover 150 km in upstream. Find the speed of the boat in still water.				C	17.5 km/hr
	a) 18 km/hr	b) 15 km/hr	c) 17.5 km/hr	d) 20 km/hr		
95	The upstream speed of the boat is 60% of the downstream speed of the boat. If the boat covers 128 km in still water in 4 hours, then find the speed of the stream.				A	8 km/hr
	a) 8 km/hr	b) 10 km/hr	c) 4 km/hr	d) 12 km/hr		
96	The time taken by the boat to cover 105 km upstream is 3 hours more than the time taken by the boat to cover 100 km downstream. Find the speed of the stream, if the speed of the boat in still water is 20 km/hr.				C	5 km/hr
	a) 10 km/hr	b) 6 km/hr	c) 5 km/hr	d) 8 km//hr		
97	P, Q and R started a business by investing in the ratio of 5: 3: 7. After 4				C	

	months, P invested 20 % more than its initial investment and R withdraw three- seventh of its initial investment. Find the total profit at the end of the year, if the profit share of Q is Rs. 13383?					Rs. 60967
	a) Rs. 51323	b) Rs. 45865	c) Rs. 60967	d) Rs. 57631		
98	A and B started the business with the investment of Rs.6000 and Rs.800 respectively. After x months, A added Rs. 2000 and B added Rs.1000 with their initial investment. At the end of one-year, total profit is Rs. 4800 and A's profit share is Rs.2200. Find the value of x.				C	4
	a) 6	b) 3	c) 4	d) 8		
99	555.05+55.50+5.55+5+0.55=?				A	621.65
	a) 621.65	b) 655.75	c) 634.85	d) 647.35		
100	3251+ 587 + 369 – ? = 3007				D	1200
	a) 1250	b) 1300	c) 1375	d) 1200		

SPACE FOR ROUGH WORK