

Question Booklet(Graduate Level)  
Date of Examination:22/09/2021

Total Marks:100  
Time: 90 Minutes

PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY BEFORE YOU BEGIN TO  
ANSWER THE QUESTION

INSTRUCTIONS TO THE CANDIDATES

1. This Question Booklet contains 73 numbers of questions.All questions are compulsory
2. The candidates are not permitted to use books, notebooks, calculator and mobile phone in the examination hall.
3. Candidates will not be allowed to leave the examination hall until the examination is over and answer sheets are collected and properly accounted.
4. Single color ink pen must be used while writing on answer paper. Overwriting and/or corrections must be avoided.
5. Never write your Name, mobile No. or any symbol etc on the answer paper.
6. Please cross the blank pages after completing the answers.

Section 1- Objective type question

1X70=70 marks

Q.no.1	What Full form of RRB  a) Railway Reserve Board b) Railway Recruitment Board c) Reserve Railway Board d) Rational Railway Board
Q.no. 2	IB Thermal power station is located in which district  a) Puri b) Sambalpur c) Bolangir d) Jharsuguda
Q.no. 3	Which king build the Konark Sun Temple  a) Ananga Bhima Deva II b) Narasimhadeva I c) Anantavarman d) Ananga Bhima Deva I
Q.no. 4	The Chandaka Dampara Wildlife Sanctuary is located at?  a) Bhubaneswar b) Cuttack c) Kendrapada d) Angul
Q.no. 5	Who was the First CM of Odisha  a) Harekrushna Mahtab b) Biju Patnaik c) Biren Mitra d) None of These
Q.no. 6	Which one was the capital of odisha before Bhubaneswar  a) Berhampur b) Puri c) Rourkela d) Cuttack
Q.no. 7	Which country has Giza pyramids in?  a) Dubai b) Egypt c) South Africa

	d) France
Q.no. 8	In which city the statue of liberty in? a) Delhi b) Beijing c) New york d) London
Q.no. 9	Gir national park is famous for? a) Elephant b) Peacock c) Deer d) Lion
Q.no. 10	Which animal is referred as ship of desert a) Scorpio b) Python c) Camel d) Horse
Q.no. 11	National tree of India is a) Banyan tree b) Mango tree c) Neem tree d) Fig tree
Q.no. 12	Agra is situated on the bank of a river? a) Ganga b) Yamuna c) Narmada d) Mahanadi
Q.no. 13	Cataract is a disease of a) Eye b) Leg c) Throat d) Stomach
Q.no. 14	Goitre is caused due to deficiency of a) Calcium b) Potassium c) Magnesium d) Iodine
Q.no. 15	Saina Nehwal is associated with which sports? a) Badminton b) Tennis c) Football d) Cricket

Q.no. 16	Which country does the company Sony come from? a) Japan b) Taiwan c) South Korea d) China
Q.no. 17	Kuchipudi is the dance form of which state a) Andhra Pradesh b) Kerala c) Manipur d) Karnataka
Q.no. 18	Who invented Computer a) Madam Curie b) Albert Einstein c) Vikram Sarabhai d) Charles babbage
Q.no. 19	Which of the following is not a root vegetable a) Beets b) Carrots c) Radish d) Lady finger
Q.no. 20	Where is the headquarters of ISRO located? a) Bangalore b) Hyderabad c) Chennai d) Cuttack
Q.no. 21	Which is the biggest Indian state a) Madhya Pradesh b) Uttar Pradesh c) Rajasthan d) Tamil Nadu
Q.no. 22	What is the national flower of India a) Rose b) Lily c) Sunflower d) Lotus
Q.no. 23	Which city is known as the blue city of India a) Jaipur b) Nagpur c) Kanpur d) Agra

Q.no. 24	<p>What will come at the place of the question mark? 6, 11, 21, 36, 56, ?</p> <p>a) 91 b) 51 c) 81 d) 42</p>
Q.no. 25	<p>What will come at the place of the question mark? 3, 2, 7, 6, 11, ?</p> <p>a) 8 b) 10 c) 4 d) 2</p>
Q.no. 26	<p>The total distance around a figure is called</p> <p>a) Area b) Volume c) Perimeter d) Density</p>
Q.no. 27	<p>Choose the word which is different from the rest</p> <p>a) Chicken b) Snake c) Swan d) Crocodile</p>
Q.no. 28	<p>Choose the word which is different from the rest</p> <p>a) Cap b) Turban c) Helmet d) Veil</p>
Q.no. 29	<p>Choose the word which is different from the rest</p> <p>a) Rigveda b) Yajurveda c) Ayurveda d) Samveda</p>
Q.no. 30	<p>A and B are brothers. C and D are sisters. A's son is D's brother. How is B related to C?</p> <p>a) Father b) Brother c) Uncle</p>

	d) Grandfather
Q.no. 31	<p>Introducing a woman, a man said, " Her mother's husband's sister is my aunt. How man is related to the woman?</p> <p>a) Nephew b) Brother c) Brother-in-law d) Husband</p>
Q.no. 32	<p>In a row of trees, a tree is 7th from left end and 14th from right end How many tree are there in the row?</p> <p>a) 18 b) 19 c) 20 d) 21</p>
Q.no. 33	<p>B is twice as old as A twice younger than F. C is half the age of A but is twice older than D. Who is the second oldest?</p> <p>a) B b) F c) C d) D</p>
Q.no. 34	<p>Mohan is older than Prabir. Suresh is younger than Prabir. Mihir is older than Suresh, but younger than Prabir. Who among the four is youngest?</p> <p>a) Prabir b) Mihir c) Mohan d) Suresh</p>
Q.no. 35	<p>M scores more runs than N but less than P. Q scores more than N but less than M. Who is the lowest scorer?</p> <p>a) M b) N c) P d) Q</p>
Q.no. 36	Today is Monday. After 61 days, it will be :

	<ul style="list-style-type: none"> <li>a) Tuesday</li> <li>b) Monday</li> <li>c) Sunday</li> <li>d) Saturday</li> </ul>
Q.no. 37	<p>If 7 spiders make 7 webs in 7 days, then 1 spider will make 1 web in how many days?</p> <ul style="list-style-type: none"> <li>a) 1</li> <li>b) 3</li> <li>c) 7</li> <li>d) 14</li> </ul>
Q.no. 38	<p>Which of the following can be used to illustrate that not all prime numbers are odd?</p> <ul style="list-style-type: none"> <li>a) 1</li> <li>b) 2</li> <li>c) 3</li> <li>d) 4</li> </ul>
Q.no. 39	<p>What is the value of 4 in 475?</p> <ul style="list-style-type: none"> <li>a) 4</li> <li>b) 400</li> <li>c) 475</li> <li>d) 40</li> </ul>
Q.no. 40	<p>What should come in place of ? mark in the following number series 7, 10, 16, 28, ?, 100</p> <ul style="list-style-type: none"> <li>a) 34</li> <li>b) 40</li> <li>c) 52</li> <li>d) 60</li> </ul>
Q.no. 41	<p>Which of the following is not a prime number?</p> <ul style="list-style-type: none"> <li>a) 5</li> <li>b) 11</li> <li>c) 21</li> <li>d) 37</li> </ul>
Q.no. 42	<p>The probability of event equal to zero is called</p> <ul style="list-style-type: none"> <li>a) Unsure event</li> <li>b) Sure event</li> <li>c) Impossible event</li> <li>d) Independent event</li> </ul>
Q.no. 43	<p>Select the option in which the words share the same relationship as that shared by the given pair of words.</p>

	<p>Lotus: Flower</p> <p>a) Furniture: wood</p> <p>b) Rupee: Currency</p> <p>c) Paper : Book</p> <p>d) Metal: Copper</p>
Q.no. 44	<p>Arrange the following words in the order in which they appear in an English dictionary</p> <p>1.Meticulous</p> <p>2.Metric</p> <p>3.Method</p> <p>4. Mettle</p> <p>5. Meter</p> <p>a) 5,3,1,4,2</p> <p>b) 5,1,3,2,4</p> <p>c) 3,4,5,1,2</p> <p>d) 5,3,1,2,4</p>
Q.no. 45	<p>Four words are given out of which three are alike in some manner, while one is different. Chose the odd one</p> <p>a) Rockets</p> <p>b) Planets</p> <p>c) Galaxies</p> <p>d) Stars</p>
Q.no. 46	<p>M scores more runs than N but less than P. Q scores more than N but less than M. Who is the lowest scorer?</p> <p>a) M</p> <p>b) N</p> <p>c) P</p> <p>d) Q</p>
Q.no. 47	<p>The average of first five multiples of 9 is</p> <p>a) 20</p> <p>b) 27</p> <p>c) 28</p> <p>d) 30</p>
Q.no. 48	<p>The average age of three boys is 15 years. If their ages are in ratio 3:5:7, the age of the youngest boy is</p> <p>a) 21 years</p> <p>b) 18 years</p> <p>c) 15 years</p> <p>d) 9 years</p>
Q.no. 49	<p>The average age of A, B, C, D and E is 40 years. The average age of A and B is 35 years and the average of C and D is 42 years. Age of E is</p>



	<ul style="list-style-type: none"> <li>a) 48 years</li> <li>b) 46 years</li> <li>c) 42 years</li> <li>d) 45 years</li> </ul>
Q.no. 50	<p>The area of a rectangular field is 2100 sq. meters. If the field is 70 metres long, what is its perimeter?</p> <ul style="list-style-type: none"> <li>a) 180</li> <li>b) 210</li> <li>c) 200</li> <li>d) 190</li> </ul>
Q.no. 51	<p>Find the simple interest on Rs. 5200 for 2 years at 5% per annum</p> <ul style="list-style-type: none"> <li>a) 450</li> <li>b) 520</li> <li>c) 600</li> <li>d) 624</li> </ul>
Q.no. 52	<p>A and B together can complete a piece of work in 15 days and B alone in 20 days, in how many days can A alone complete the work?</p> <ul style="list-style-type: none"> <li>a) 60</li> <li>b) 45</li> <li>c) 40</li> <li>d) 30</li> </ul>
Q.no. 53	<p>If <math>a-b=4</math> and <math>a^2+b^2=28</math>, find the value of <math>ab</math>.</p> <ul style="list-style-type: none"> <li>a) 6</li> <li>b) 8</li> <li>c) 10</li> <li>d) 12</li> </ul>
Q.no. 54	<p>Among the following, which whole number has no predecessor?</p> <ul style="list-style-type: none"> <li>(a) 100</li> <li>(b) 200</li> <li>(c) 1</li> <li>(d) 0</li> </ul>
Q.no. 55	<p>7. An integer that is divisible by 2 is called:</p> <ul style="list-style-type: none"> <li>(a) Even number</li> <li>(b) Natural number</li> <li>(c) Odd number</li> <li>(d) Whole number</li> </ul>
Q.no. 56	<p>All counting numbers, together with their negatives and zeros constitute the set of _____.</p> <ul style="list-style-type: none"> <li>(a) Whole number</li> </ul>

	(b) Real number (c) Integers (d) Odd number
Q.no. 57	There are only 2 numbers that are twice the sum of their individual digits; one of them is zero (0). What is the other one? a) 18 b) 27 c) 45 d) 40
Q.no. 58	What is the number called located on the bottom part of a fraction? a) Numerator b) Denominator c) Componendo d) Ratio
Q.no. 59	Two numbers are in the ratio of 3:4 and their H.C.F is 4. Their L.C.M is: a) 12 b) 16 c) 24 d) 48
Q.no. 60	If an object travels five feet per second, how many feet does it travel in two hour? a) 30 b) 3600 c) 18 d) 1800
Q.no. 61	Jack takes 20 minutes to jog around the race course one time, and 25 minutes to jog around a second time. What is his average speed in miles per hour for the whole jog if the course is 3 miles long? a) 6 b) 8 c) 9 d) 10
Q.no. 62	The sum of three consecutive odd numbers is 84. What is the middle number? a) 31 b) 33 c) 28 d) 27
Q.no. 63	About 3 out of 5 students are left handed. If there are totally 40 students in an class. How many would be left handed ? a) 40 b) 45 c) 32 d) 24

Q.no. 64	Find the square root of 12321 a) 211 b) 111 c) 150 d) 135
Q.no. 65	What least number must be subtracted from 3404, so that the sum is completely divisible by 11? a) 3 b) 1 c) 2 d) 5
Q.no. 66	The sum of a non-zero number and twenty times its reciprocal is 11. What is the number? a) -5 b) 10 c) -10 d) 5
Q.no. 67	20% of 4 is equal to a) 20 b) 0.8 c) 0.4 d) 0.04
Q.no. 68	$ -4 + 4 -4+4=?$ a) 0 b) 2 c) 4 d) 8
Q.no. 69	A bag has 2 red balls and 5 green balls. If we take a ball from the bag, then what is the probability of getting red balls only? a) 3 b) 7 c) $\frac{2}{7}$ d) $\frac{7}{3}$
Q.no. 70	A dice is thrown in the air. The probability of getting even numbers is a) $\frac{1}{2}$ b) $\frac{3}{2}$ c) $\frac{3}{4}$ d) $\frac{2}{3}$

Section 2- Subjective type question

3X10=30 marks

Q.no. 71- Write an essay about "Globalisation: it's advantage and disadvantage".

Q.no. 72- "Write an essay about "Industrialisation and pollution"

Q.no. 73- Write an essay about "Renewable Energy and its impact on environment"