

PART-A**General Knowledge**

Choose the Correct answer:

Marks = (20*1)=20

Question No.	Question
1. [D]	Who is the Current Railway Minister of India a).Rahul Gandhi b).Suresh Prabhu c).Viswajeet Raj ☒ d).Piyush Goyal
2. [C]	Which are the two IPL cricket teams qualified for Grand Finale in Dream 11 IPL Cricket – 2020 a).Mumbai Indians and Sunrisers Hyderabad b). Mumbai Indians and Royal Challengers Bangalore. ☒ c). Mumbai Indians and Delhi Capitals d).Chennai Super kings and Royal Challengers Bangalore
3. [D]	What is the capital city of Maharashtra and Telangana respectively a).Kolkata and Chennai b).Kolkata and Hyderabad c).Hyderabad and Kolkata ☒ d).Mumbai and Hyderabad
4. [C]	Hottest Planet Of Our Solar System A).Jupiter B).Earth ☒ C).Venus D).Mercury
5. [C]	Indian Sportswoman Miss.P.V.Sindhu is associated with a).Tennis ☒ c).Badminton b).Volley Ball d).Table Tennis
6. [D]	The Unit of Energy is a).Calories b).Joules c).Hertz ☒ d).Both a and b Option
7. [C]	For safety, the fuse wire used in the mains for household supply of Electricity must be made of metal having a).Low Specific heat ☒ c).Low melting point b).High melting point d).High resistance

8. [D]	For galvanizing Iron which of the metal is used a).Aluminum b).Copper c).Lead ✓d).Zinc
9. [D]	Deficiency of which of the vitamin causes the disease of "Slow blood clotting" a).Vitamin C b).Vitamin D c).Vitamin E ✓d).Vitamin K
10. [B]	Which Of The Following Fights Infection In The Body A).RBC ✓B).WBC C).Blood Plasma D).Haemoglobin
11. [C]	_____ purifies/cleans blood chemicals and impurities in human body a).Heart b).Lungs ✓c).Liver d).Kidney
12. [C]	Which App Launched By The Government For Contact Training To Prevent The Spread Of Covid-19 In India a).Krishi setu b).E-Green Swaraj ✓c).Arogya Setu d).M Haryali
13. [B]	Which is the tallest statue in the world currently a).Spring temple Buddha ✓b).Statue of Unity of Shri.Sardar Vallabhai Patel c).Lay Kyun Sekkya of Buddha d).Ushiku Daibutsu of buddha
14. [B]	Which is the second Longest Beach in the world a). Cox's Bazar in Bangladesh ✓b).Marina Beach In chennai ,India c).Calangute Beacj in Goa d).Palolem Beach in Goa
15. [B]	Taj Mahal,One of the wonders of the world is on the bank of which river a).Ganga ✓b).Yamuna c).Tabti d).Narmada
16. [B]	Fish Breath through a).Nostrils ✓b).Gills c).Lungs d).Fins
17. [A]	During photosynthesis in green plants, _____ 1 _____ energy is captured and used to convert _____ 2 _____, _____ 3 _____ and _____ 4 _____ & _____ 5 _____ ✓a).Light, CO ₂ , H ₂ O, O ₂ , Energy b). Electricity, O ₂ , H ₂ O, CO ₂ , Energy c). Chemical, CO ₂ , H ₂ O, O ₂ , Energy d). Light, O ₂ , H ₂ O, CO ₂ , Energy
18. [D]	When is world yoga Day celebrated a). 5 th June b).11 th June c).9 th June ✓d).21 st June
19. [C]	Who is the current President of INDIA a).Narendra Modi b).A.P.J Abdul Kalam

	~~c).~~ Ramnath Kovind	d).Pranab Mukhargee
20.	The currency of Japan is	
[C]	a).Dollar	b).Pound
	~~c).~~ Yen	d).Rupee

GENERAL ENGLISH

Choose the Correct answer:

Marks = 30*1=30

Question No.	Question
21. [A]	_____ the room , the door suddenly swing,shut and hit him on the face ~~a).~~ As he entered b).On having entered c).On entering d).while entering
22. [B]	If I take a state Roadways bus, I'll get late , _____ a).will I? ~~b).~~ Won't I? c).Is it? d).Isn't it?
23. [A]	Because of the heavy rain , the match was _____ ~~a).~~ called off b).set aside c).broken off d).fallen off
24. [D]	By air you _____ almost half the distance to Bombay before I reach back home by my car a).would cover b).would have covered c).will cover ~~d).~~ will have covered
25. [A]	Hardly had he arrived _____,it started raining ~~a).~~ when b).before c).after d).than
26. [A]	He is being considered _____ senior managerial postion ~~a).~~ for b).towards c).of d).to
27. [A]	The ruling party will have to put its own house _____ order ~~a).~~ in b).on c).into d).to
28. [B]	We must wait until the invigilator _____ the question papers a).will give ~~b).~~ gives c).would give d).given
29. [A]	True happiness consists _____ giving pleasure to others ~~a).~~ in b).of c). for d).by
30. [C]	Just now I heard the news, it is so strange that you _____ not believe it a). did b). should ~~c).~~ will d).could

31. [D]	I did _____, I could which wasn't much a). How much b). which c). that ~~d). what~~
32. [A]	She says she knows painting, but I don't think she _____ ~~a). does~~ b). had known c). can d). knew
33. [A]	The Doctor advised him to go _____ severe medical test ~~a). through~~ b). into c). under d). about
34. [B]	The Examinee could guess _____ the answer correctly a). about ~~b). at~~ c). with d). of
35. [A]	No sooner did he go in _____ he came out ~~a). than~~ b). and c). then d). when
36. [D]	I bought a new car last year, but _____ my old car yet, So at present I have two car a). have sold b). did not sell c). could not sell ~~d). have not sold~~
37. [C]	The passengers were very happy _____ the friendly and warm treatment given to them a). from b). to ~~c). with~~ d). about
38. [B]	His conduct is bad, and his honesty is not _____ suspicion a). under ~~b). above~~ c). in d). beyond
39. [D]	One should not be indifferent _____ the sufferings of others a). of b). at c). above ~~d). to~~
40. [D]	I have been ill _____ last Sunday a). from b). by c). for ~~d). since~~
41. [A]	Washing Machine _____ popular in india in the last ten years or so ~~a). Have become~~ b). are becoming c). became d). are become
42. [D]	The higher you go, the more difficult it _____ to breath a). is becoming b). became c). has become ~~d). becomes~~
43. [D]	It is no use _____ to come now, he is very busy a). that you ask him b). if you asked him c). to ask him ~~d). asking him~~
44. [A]	More than 20 years have now passed _____, I had my first flight. ~~a). since~~ b). when c). after d). while

45 [B]	He has been recently discharged _____ the army a). to ☒ b). from c). off d). by
46 - 50 [B] [B] [C] [B] [B]	Passage: In the year 1913, Wright brothers had just succeeded _____ making an aeroplane which _____ 47 _____ flew and I was deeply interested in _____ 48 _____ and was making my own _____ 49 _____ with flying machines. I really _____ 50 _____ in that little machine I had patched together and I decided it was to prove its merits. 46. a). with ☒ b). in c). from d) to 47. a). hardly ☒ b). really c). highly d) strongly 48 a). science b). history ☒ c). aeronautical d) geography 49. a). judgments ☒ b). experiments c). toys d) research 50. a). disbelieved ☒ b). believed c). relied d) based

GENERAL MATHEMATICS : Section-I

Choose the Correct answer:

Marks = 20*1=20

Question No.	Question
51. [A]	Find the HCF of 70, 90, & 80 ☒ a). 10 b). 20 c). 60 d). 50 e). none of the above
52. [B]	Find the average of all numbers between 9 & 49 divisible by 5 a). 28.5 ☒ b). 27.5 c). 26 d). 26.5
53. [B]	A & B are the partners in fruit selling business. A invests Rs. 40,000 & B invests Rs. 60,000 for their business, find the ratio of their investments a). 2:5 ☒ b). 2:3 c). 2:6 d). 2:8
54. [C]	I travelled from Madurai to Chennai in 8 hours, which is 400km apart, what was my speed in km/hr a). 75km/hr b). 85km/hr ☒ c). 50km/hr d). none of the above
55. [A]	Product of first 4 prime numbers is ☒ a). 210 b). 120 c). 17 d). 24
56.	Arrange $-3/7$, $2/3$, $-1/3$ in the ascending order

[A]	~~a). -3/7, -1/3, 2/3~~ b). 2/3, -1/3, -3/7 c). -1/3, -3/7, 2/3 d). -3/7, 2/3, -1/3
57. [B]	The area of the circle is '121 Π ' sq.ft; then the perimeter if the circle will be a). 5.5 Π ~~b). 22 Π~~ c). 11 Π d). 20 Π
58. [C]	One of the angle of a Right angle triangle is 30°, choose from the option any one angle of the triangle a). 50° b). 45° ~~c). 60°~~ d). 80°
59. [C]	Find the value of $\sqrt{1+9/16} + \sqrt{9/16}$ a). 1.25 b). 1.5 ~~c). 2~~ d). 2.5
60. [C]	A boy crosses 600m long street in 5 minute, what is his speed a). 120kmph b). 3.6kmph ~~c). 7.2kmph~~ d). 100kmph
61. [D]	The sum of 3 consecutive multiples of 3 is 72, what is the largest number a). 7 b). 21 c). 24 ~~d). 27~~
62. [B]	The difference of two numbers is '5' and then the sum of the number is 13, then the product of the two number is a). 9 ~~b). 36~~ c). 32 d). 16
63. [B]	Raman's salary was decreased by 50% and subsequently increased by 50% again, how much percent does he gain/loss cumulatively a). losses 35% ~~b). losses 25%~~ c). gains 25% d). gains 35%
64. [C]	Rs.1500 is divided among A,B,C is the ratio 2:3:5 then, what is the sum of amounts received by B and C? a). 750 b). 450 ~~c). 1200~~ d). 900
65. [C]	If $\sqrt{2^n} = 16$, then $n^2 = ?$ a). 9 b). 16 ~~c). 64~~ d). 4
66. [B]	If $\sqrt{x(x+1)+(x+1)} = 4$, then $x = ?$ a). 2 ~~b). 3~~ c). 4 d). 1
67. [D]	If $x=5$, $y=3$: then which of the following equation holds good a). $3y+x^2 = 16+y^2+3y$ b). $2x^2 = x^2 - y^2 + 3y + 25$ c). $(x+y)^2 = x^2 + y^2 + 2xy$ ~~d). all the above~~
68. [B]	The sum of first 'n' consecutive natural numbers is given as a). $n(n+1)(n+2)$ ~~b). $n(n+1)/2$~~

	c). $(n+1)(n-1)/2$ d). $(n+1)(n+1)(n-1)n/3$
69. [B]	If $x^2 = 16$, then find $X^{(3/2)} = ?$ a). 4 ☒ b). 8 c). 16 d). 2
70. [D]	$\frac{1}{2}[x^3 - 2x^2 + x] = 2020 [x^2 - 2x + 1] + 16 [x-1]^2$ a). 2020 b). 4040 c). 4056 ☒ d). 4072

GENERAL MATHEMATICS : Section-II

Marks = $15 \times 2 = 30$

Choose the Correct answer:

Question No.	Question
71 [B]	The average salary of all the workers in a workshop is Rs.8000. The average salary of 7 technicians is Rs.12000, & the average salary of the rest is Rs.6000 . The total number of workers in the workshop is a). 20 ☒ b). 21 c). 23 d). 22
72 [A]	What would be the printed price of a watch purchased at Rs.380, so that after giving 5% discount ,there is 25% profit? ☒ a). Rs.500 b). Rs.600 c). Rs.400 d). none of the above
73 Correction B. 10298	Rahul gets goods for Rs.9950, he gets discount of 6% and pays 10% tax to what's the amount he should pay ☒ ~~10288~~ [c] B. 10298 a). 10298 b). 10297 c). <u>110288</u> d). 10279
74 [B]	Radha spends 40% of her salary on food, 20% on house rent, 10% on entertainment and 10% on conveyance ,if her saving is 1500, then her total salary per month is a). 8000 ☒ b). 7500 c). 6000 d). 10000
75 [C]	A mixture of milk and water is in the ratio of 12:3 in 1500 liters of this mixture, then the milk content is a). 300liters b). 1500 liters ☒ c). 1200 liters d). 1300 liters
76 [C]	If the length of a rectangle is increased by 100% and the width is decreased by 50% ,then the area of the rectangle will a). increases by 100% b). decreases by 50% ☒ c). remains unchanged d). will be double
77 [B]	The surface of the cube is 24 cubic meters, the volume of the cube is a). 2sq.mts ☒ b). 8sq.mts c). 12 sq.mts d). 4sq.mts

78 [D]	A sold an article at a loss of 20%, if the selling price had been increased by Rs.100; there would have been a profit of 5%, what is the cost price of the article a).300 b). 500 c). 700 ☒ d).400
79 [C]	If y is twice that of x and z is thrice that of x, find $[x+y+z]=?$, if $6x+3y+2z= 18$ a).18 b). 1 ☒ c). 6 d).5
80 [C]	If $a+b = 32$, $2a+3b= 66$, find $(a-b)^2 + 2ab - a^2 = ?$ a).900 b). 30 ☒ c). 4 d).2
81 [C]	The average of marks of 14 students was calculated as 71 .but it was later found that the marks of one student had been wrongly entered as 42 instead of 56 & another as 74 instead of 32.The correct average is a).67 b). 68 ☒ c). 69 d).71
82 [D]	Sachin is younger than Rohit by 6 years ,if their ages in the ratio of 6:8 ,how old is sachin a).6 years b). 8 years c). 10years ☒ d).18 years
83 [B]	'A' can do a piece of work in 30 days . while B can do it in 20 days . In how many days can A and B working together can do the work a).10 days ☒ b). 12 days c). 8 days d).14 days
84 [C]	A person travelled by train for 1 hour at a speed of 50kmph .He then travelled by a taxi for 30 mins at a speed of 32 kmph to complete the journey ,what is the average speed? a).33kmph b). 22kmph ☒ c). 44kmph d).61kmph
85 [B]	What annual installment will discharge a debt of Rs.6450 due in 4 years at 5% simple intrest ? a).Rs.1400 ☒ b). Rs.1500 c).Rs.1600 d).Rs.1650