COMMON P.G. ENTRANCE TEST–2022 (CPET-2022)

Subject Code : **34**   Test Booklet No.:

Entrance Subject : **MBA (Business Administration)** | Hall Ticket No.:

TEST BOOKLET

Time Allowed : **90 Minutes**   Full Marks : **70**

INSTRUCTIONS TO CANDIDATES

1. **Please do not open this Question Booklet until asked to do so.**

2. Check the completeness of the Question Booklet immediately after opening.

3. Enter your **Hall Ticket No.** on the Test Booklet in the box provided alongside. **Do not** write anything else on the Test Booklet.

4. Fill up & darken Hall Ticket No. & Test Booklet No. in the OMR Answer Sheet as well as fill up Test Booklet Serial No. & OMR Answer Sheet Serial No. in the Attendance Sheet carefully. Wrongly filled up OMR Answer Sheets are liable for rejection.

5. Each question has four answer options marked (A), (B), (C) & (D).

6. Answers are to be marked on the Answer Sheet, which is provided separately.

7. Choose the most appropriate answer option and darken the oval completely, corresponding to (A), (B), (C) or (D) against the relevant question number.

8. Use only **Blue/Black Ball Point Pen** to darken the oval for answering.

9. Please do not darken more than one oval against any question, as scanner will read such markings as wrong answer.

10. **Each question carries equal marks. There will be no negative marking for wrong answer.**

11. **Electronic items such as calculator, mobile, etc., are not permitted inside the examination hall.**

12. Don't leave the examination hall until the test is over and permitted by the invigilator.

13. **The candidate is required to handover the original OMR sheet to the invigilator and take the question booklet along with the candidate's copy of OMR sheet after completion of the test.**

14. Sheet for rough work is appended in the Test Booklet at the end.

1. Two Trains running in opposite directions cross a man standing on the platform in 27 seconds and 17 seconds respectively and they cross each other in 23 seconds. The ratio of their speeds is :

    (A) 1 : 3

    (B) 3 : 2

    (C) 3 : 4

    (D) 4 : 5

2. The cost price of 20 articles is the same as the selling price of X articles. If the profit is 25%, then the value of X is :

    (A) 15

    (B) 16

    (C) 18

    (D) 25

3. If 6th March, 2005 is Monday, what was the day of the week on 6th March, 2004 ?

    (A) Sunday

    (B) Saturday

    (C) Tuesday

    (D) Wednesday

4. Which one of the following is not Prime Number ?

    (A) 31

    (B) 61

    (C) 71

    (D) 91

5. The H. C. F. of two numbers is 23 and the other two factors of their L. C. M. are 13 and 14. The larger of the two numbers is :

    (A) 276

    (B) 299

    (C) 322

    (D) 345

6. Six bells commence tolling together and toll at intervals of 2, 4, 6, 8, 10, and 12 seconds respectively. In 30 minutes, how many times do they toll together ?

    (A) 4

    (B) 10

    (C) 15

    (D) 16

7. What is the probability of getting a sum 9 from two throws of a dice:

    (A) 1/12

    (B) 1/10

    (C) 1/9

    (D) 1/8

8. A man purchased a cow for Rs. 3000 and sold it the same day for Rs. 3600, allowing the buyer a credit of 2 years. If the rate of interest be 10% per annum, then the man has a gain of:

    (A) 0%

    (B) 5%

    (C) 7.5%

    (D) 10%

9. Find the odd Man out. 3, 5, 11, 14, 17, 21.

    (A) 21

    (B) 17

    (C) 14

    (D) 3

10. A man complete a journey in 10 hours. He travels first half of the journey at the rate of 21km/hr and second half at the rate of 24 km/hr. Find the total journey in km.

    (A) 220 km

    (B) 224 km

    (C) 230 km

    (D) 234 km

11. A, B and C can do a piece of work in 20, 30 and 60 days respectively. In how many days can A do the work if he is assisted by B and C on every third day ?

(A) 12 days

(B) 15 days

(C) 16 days

(D) 18 days

12. The difference between simple and compound interests compounded annually on a certain sum of money for 2 years at 4% per annum is Rs.1. The sum (in Rs.) is :

(A) 625

(B) 630

(C) 640

(D) 650

13. A and B invest in a business in the ratio 3:2. If 5% of the total profit goes to charity and A's share is Rs. 855, the total profit is :

(A) Rs. 1425

(B) Rs. 1500

(C) Rs. 1537.50

(D) Rs. 1576

14. If one-third of one-fourth of a number is 15, then three-tenth of that number is:

(A) 35

(B) 36

(C) 45

(D) 54

15. The sum of the squares of three numbers is 138, while the sum of their products taken two at a time is 131. Their sum is :

(A) 20

(B) 30

(C) 40

(D) 50

16. Tea worth Rs.126/- per kg and Rs.135/- per kg are mixed with a third variety in the ratio 1:1:2. If the mixture is worth Rs. 153/- per kg, the price of the price of the third variety per kg will be :

    (A) Rs. 169.50

    (B) Rs. 170

    (C) Rs. 175.50

    (D) Rs.180

17. If $a\text{-}b = 3$ and $a^2+b^2 = 29$, find the value of ab.

    (A) 10

    (B) 12

    (C) 15

    (D) 18

18. Insert the missing number. 12, 25, 49, 99, 197, 395, (………)

    (A) 789

    (B) 1579

    (C) 722

    (D) 812

19. The price of 80 apples is equal to that of 120 oranges. The price of 60 apples and 75 oranges together is Rs. 1320/-. The total price of 25 apples and 40 oranges is

    (A) Rs. 660

    (B) Rs. 620

    (C) Rs. 820

    (D) Rs. 780

20. If the average of 6 consecutive odd numbers is 48, what is the difference between the smallest and the largest number ?

    (A) 20

    (B) 15

    (C) 10

    (D) 12

21. A man can row 6 km/hr in still water. If the river is running at 2 km/hr, it takes 3 hrs more in upstream than to go downstream for he same distance, how far is the place?

    (A)   25 km
    (B)   24 km
    (C)   22 km
    (D)   28 km

22. A is twice as fast as B, and is therefore able to finish a work in 30 days less than B. Find the time in which they can do it working together ?

    (A)   20 days
    (B)   25 days
    (C)   15 days
    (D)   30 days

23. Find out the least number which when divided by 4, 5, 6 and 7 leaves remainder 2 in each case. Which of the following is correct ?

    (A)   422
    (B)   438
    (C)   452
    (D)   562

24. The value of commodity depreciates 10% annually. If it was purchased 3 years ago and its present value id Rs.5832, what was its purchase price ?

    (A)   7200
    (B)   7862
    (C)   8000
    (D)   8500

25. The market price of a solar cooker is same in two shops. One shop allows discount of 20% and 15%, while the other 15% and 20%. Which is better offer to the consumer?

    (A)   The first shop
    (B)   The Second shop
    (C)   Both are the same for a customer
    (D)   None of the above

26. The cost price of 20 articles is same as the selling price of 'X' articles. If the profit is 205, the value of X is

   (A) 25

   (B) !8

   (C) !6

   (D) None of the above

27. The odds against an event A are 5:8. Find the probability of Occurrence of the event:

   (A) 5/13

   (B) 8/13

   (C) 1/2

   (D) 5/26

28. 5 men can prepare 10 toys in 6 days working 6 hrs a day. In how many days can 12 men prepare 6 toys working 8 hours a day?

   (A) 5 days

   (B) 3 days

   (C) 4 days

   (D) 2 days

29. T is costing Rs. 136/- a Kilogram is mixed with P costing Rs.141/- a Kilogram in the ratio of 2:3. The cost of 1 Kilogram of the mixture is

   (A) 138

   (B) 138.5

   (C) 139

   (D) 139.5

30. On a sum of money, the simple interest is Rs.660/-, while compound interest is Rs.696.3, the rate of interest being the same in both cases, the rate interest is

   (A) 12%

   (B) 11%

   (C) 10%

   (D) 9%

Directions: (Questions 31-35): In each of the following questions, there are four sentences. One of the four sentences contains some type of grammatical error. You are to find the incorrect sentence.

31. (A) Aman's failure to do his homework is a daily occurrence now.

    (B) Next Friday is Diwali.

    (C) This is the worst summer we have had in the past twenty years.

    (D) Neither the defendant or his relatives thought that Rana would get a fair trial.

32. (A) The ship changed its course on account of there was a storm

    (B) The assassin of Mahatma Gandhi was a Maharashtrian.

    (C) When we boys go camping, each one brings his own cooking utensils.

    (D) For him there will be a great reward.

33. (A) Our firm sent two representatives, Sunil and I, to attend the meeting.

    (B) From a neighbor he borrowed a shovel that was broken.

    (C) Each of us held his breath.

    (D) The sergeant had many close calls; for example, he had once been left for dead by the enemy.

34. (A) The villagers suffered from the depredations of the enemy.

    (B) These books are ours, but that one on the library table is hers.

    (C) Raj will join with you and I in attempting to persuade Meera to accept the offer.

    (D) The old man was careful not to deplete his strength.

35. (A) Her work, like any other computer programmer, is difficult

    (B) His alternative was to stand or run.

    (C) His wish is that the house be completed by Diwali.

    (D) If you wait but ten minutes you will see her.

Directions : (Questions 36 to 40) Find out the word for a sentence from the alternatives given in each question below:

36. One who talks in sleep

    (A) Heterodox

    (B) Somnambulist

    (C) Somniloquist

    (D) Philistine

37. One who is a great lover of books.

    (A) Bibliophile

    (B) Bibliomaniac

    (C) Armistice

    (D) Diocese

38. One who doubts the existence of God.

    (A) Theist

    (B) Atheist

    (C) Agnostic

    (D) Anarchist

39. The action of looking into one's own mind

    (A) Retrospection

    (B) Monism

    (C) Circumspection

    (D) Introspection

40. Insensible to kind thoughts or sympathetic feelings

    (A) Credulous

    (B) Eccentric

    (C) Egoist

    (D) Callous

Directions : (Questions 41 to 45) In the following passage numbered blank spaces are left. For each blank space, four words or phrases A,B,C,D are given. Pick up the one which correctly fills the blank.

I am not a _____41_____ by nature. I do think that we have to move along with the times. We have to _____42_____ many things. At the same time, if a nation or a person looses roots then you've _____43_____ to go. And this is what is happening in many countries of the west. This is why many young people from there come with emptiness in their hearts to our soil _____44___ something. They do not know what they are seeking. I do not know ____45___ they will find it. But the very fact that they are making this search is a comment on their own civilization, or rather neglect of civilization in their countries.

41. (A) conventionalist   (B) rationalist   (C) traditionalist   (D) stagnant

42. (A) adopt to   (B) adept in   (C) adapt at   (D) adapt to

43. (A) just any where   (B) any where just   (C) just no where   (D) no where just

44. (A) for seeking   (B) for seeking of   (C) for search of   (D) in search of

45. (A) as   (B) whether   (C) in case   (D) if

Directions : (Questions 46 to 50) In each questions below there is a capitalized word under which four alternative words are given. Find out the alternative opposite in meaning to the capitalized word.

46. ABOMINATE

   (A) Despise   (B) Crave   (C) Detest   (D) Abhor

47. BEGUILE

   (A) Annoy   (B) Divert   (C) Amuse   (D) Entertain

48. CALUMNIATE

   (A) Choleric   (B) Extol   (C) Blithe   (D) Archaic

49. ALACRITY

   (A) Agility   (B) Celerity   (C) Liveliness   (D) Apathy

50. AMELIORATE

   (A) Alleviate   (B) Intesify   (C) Mitigate   (D) Aggravate

Directions (Questions 51-55): Read the following passage carefully and select the alternative that more closely answers the questions that follow.

The assault on the purity of the environment is the price that we pay for many of the benefits of modern technology. For the advantage of automotive transportation, we pay a price in smog-induced diseases; for the powerful effects of new insecticides, we pay a price in dwindling wildlife and disturbances in the relation of living things and their surroundings; for nuclear power, we risk the biological hazards of radiation. By increasing agricultural production with fertilizers, we worsen water population.

The highly developed nations of the world are not only the immediate beneficiaries of the good that technology can do, that are also the first victims of environmental diseases that technology breeds. In the past, the environmental effects which accompanied technological progress were restricted to a small ans relatively short time. the new hazards neither local nor brief. Modern air pollutions covers vast areas of continents: Radioactive fallout from the nuclear explosion is worldwide. Radioactive pollutants now on the earth surface will be found there for generations, and in case of Carbon-14, for thousands of years.

51. The widespread use of insecticides has

(A) reduced the number of wild animals

(B) caused imbalance in the relationship between living beings and their environment

(C) eliminated diseases by killing mosquitoes and flies

(D) caused biological hazards

52. The passage emphasis that modern technology

(A) is an unmixed blessing

(B) has caused serious hazards to life

(C) has produced powerful chemicals

(D) has benefited highly developed nations

53. According to the passage the increasing use of fertilisers is responsible for

(A) abundance of food

(B) disturbance in the ecological system

(C) water pollution

(D) increase in diseases

54. The harmful effects of modern technology are

(A) widespread but short-lived

(B) widespread and long-lasting

(C) limited and long-lasting

(D) severe but short-lived

55. Radioactive pollutants

(A) are limited in their effect

(B) will infect the atmosphere for thousands of years

(C) will be on the surface of earth for a very long time

(D) will dissipate in short span of time

Directions (Questions 56-60): The following table represents the statistics of accidents in Bhubaneswar city during a particular year. Answer the following questions based on the data as below:

Months-Mode	July	August	Sept.	Oct.	Nov.	Dec.
Truck	18	12	15	20	17	16
Bus	10	8	9	7	11	12
Car	16	18	22	24	25	27
Auto Rickshaw	32	25	28	20	40	20
Two Wheelers	38	45	29	43	55	36

56. The total number of accidents in August was:

(A) 98

(B) 68

(C) 108

(D) 148

57. In which mode the number of accidents increased continuously over the period:

(A) Bus

(B) Truck

(C) Car

(D) Auto

58. In which month the total accident was maximum in comparison to other months?

(A) August

(B) November

(C) September

(D) December

59. The number of accidents caused by trucks during the period was more by what number of buses over the same period?

(A) 41

(B) 31

(C) 36

(D) None of these

60. Which mode of transportation shared maximum number of accidents during July to December in Bhubaneswar?

(A) Bus

(B) Auto

(C) Car

(D) Two wheelers

61. Which of the following is the capital of Ukrain:

(A) Kherson

(B) Kyiv

(C) Mariupol

(D) Budapest

62. What percent of LIC stakes are offloaded by Government of India in the recent IPO of May 4, 2022?

(A) 5%

(B) 10%

(C) 3.5%

(D) 7.2%

63. In stock market if a person is optimistic and believes that prices will go up, he is called:

(A) Bull

(B) Bear

(C) Lion

(D) Dog

64. Who is the present governor of Reserve Bank of India?

(A) Shaktikanta Das

(B) Raghuram Rajan

(C) Dharmendra Pradhan

(D) None of these

65. Which Odisha entrepreneur founded OYO.com?

(A) Bansidhar Panda

(B) Ritesh agarwal

(C) Sarat Kumar sahu

(D) Surendra panda

66. Which of the following commodities are not included in GST?

(A) Petrol

(B) Liquor

(C) Electricity

(D) All of the above

67. In terms of market capitalistion which of the following is the largest private sector bank of India?

(A) IDBI Bank

(B) HDFC Bank

(C) ICICI Bank

(D) Yes Bank

68. PM-DAKSH Scheme has been recently in the news. It is related to which of the followings?

(A) Indigenous Drone development

(B) Development of Tourist circuits

(C) Skill development for marginalised sections

(D) Bringing Green revolution to North east India

69. Which of the following fundamental rights is only available to the Indian Citizens?

(A) Equality before law and equal protection of laws.

(B) Equality of opportunity in matters of public employment.

(C) Right to elementary education.

(D) Prohibition of employment of children in factories etc.

70. Principle of Reasonable Accommodation is related to which of the following?

(A) Subsidy under PM AWAS Yojana

(B) Life on Extra-celestial Bodies

(C) Affirmative Actions for Disabled Peoples

(D) Penguins in Antarctica

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ROUGH WORK