

SPA V-AT-10-2017

Time allowed: 2 hours

Maximum marks: 100

Instructions:

1. All questions are compulsory.
2. Part I and II A comprises of MCQs and each question carries one mark.
3. Part II B comprises descriptive questions and answers are to be given in the space provided only.
4. OMR sheet has been provided where most appropriate answers should be blackened with black or blue ball point pen.
5. No marks will be given, if more than one circle is blackened or crossed.
6. At the end of the written test booklet will be return to the invigilator

Part I

1. How many members, the President of India can nominate to Lok Sabha & Rajya Sabha, Respectively?
 - a. 12,2
 - b. 2,12
 - c. 2,10
 - d. 10,2
2. Which of the following indices is not considered while calculating Human Development Index (HDI)?
 - a. Life expectancy
 - b. Education
 - c. Housing
 - d. Income
3. Which among the following is the oldest mountain range in India?
 - a. The Western Ghats
 - b. The Aravalli Range
 - c. The Satpura Range
 - d. The Vindhya Range
4. Which of the following Kings was a patron of Jainism?
 - a. Ashoka
 - b. Harsha
 - c. Pulkeshin II
 - d. Kharvela
5. Which instrument is used for the measurement of humidity in air?
 - a. Hygrometer
 - b. Hydrometer
 - c. Manometer
 - d. Odometer

6. By which Constitutional Amendment, Delhi was given the status of National Capital Region?
- 67th
 - 69th
 - 68th
 - 70th
7. Which of the following agencies is associated with the business of Insurance sector as a Regulator?
- SEBI
 - RBI
 - AMFI
 - IRDA
8. From the given alternatives select the word which cannot be formed, using the letters of the given word: INFLATIONARY
- FLAIR
 - FAULTY
 - NATIONAL
 - RATION
9. Sandip's mother is the only daughter of Rekha's father. How is Rekha's Husband related to Sandip?
- Uncle
 - Brother
 - Grandfather
 - Father
10. Statements:
- All stars are planets
 - All planets are trees
- Conclusions:
- I All planets are stars
 - II All stars are trees
 - III All trees are planets
 - IV Some trees are stars
- Only II, III and IV follow
 - Only I and III follow
 - Only II and IV follow
 - Either I and III follows
11. Select the word or phrase which is nearly opposite to the meaning of the: Counterfeit
- Destructive
 - Genuine
 - Affirm
 - Harmonize
12. NEFT means:
- National Electronic Funds Transfer system
 - Negotiated efficient fund transfer system

- c. National Efficient fund Transfer solution
 - d. Non Effective fund Transfer system
13. Which of the following has become the first e-court of the country where petitions filed via e-mail would be entertained?
- a. Banglore High Court
 - b. Bombay High Court
 - c. Madras High Court
 - d. Delhi High Court
14. Daocheng Yading Airport, which is slated to become world's highest airport is located at_____.
- a. China
 - b. Korea
 - c. Nepal
 - d. Japan
15. A Computer_____ is a set of program instructions that can attach itself to a file, reproduce itself, and spread to other files:
- a. Worm
 - b. Virus
 - c. Trojan Horse
 - d. Phishing scam
16. Most world wide web pages contain commands in the language_____
- a. HTML
 - b. NIH
 - c. PASCAL
 - d. FTP
17. What is the currency of Oman?
- a. Dirham
 - b. Peso
 - c. Rial
 - d. Yuan
18. Which is the second longest river in India after the Gangas?
- a. Godavari
 - b. Tungabhadra
 - c. Narmada
 - d. Meghna
19. Ebola disease is caused by
- a. Ebola bacteria
 - b. Ebola virus
 - c. Ebola fungi
 - d. Ebola protozoa

20. On which day 'Good Governance Day' is celebrated in India?
- 18 August
 - 16 September
 - 21 October
 - 25 December
21. Sunlight always overcomes the lights of the stars. The fading away of stars in the presence of the sun is known as
- Eclipse of the stars
 - Occultation
 - Blinding effect
 - None of the above
22. Which city is known as the Cockpit of Europe?
- Venice
 - Dublin
 - Barcelona
 - Belgium
23. Bhagat Singh, Raj guru and Sukhdev were executed by the British Government on 23 March, 1931 in which of the following cases they were implicated?
- Meerut conspiracy
 - Kakori conspiracy
 - For lobbing bomb in the Assembly Hall
 - Lahore conspiracy
24. Now a days Kalinga is known as:
- Odisha
 - Kohima
 - Karnataka
 - None of the above
25. Tughlaq dynasty occupied Delhi throne after the decline of
- Suri dynasty
 - Slave dynasty
 - Lodhi dynasty
 - Khilji dynasty
26. Michael Adams is related to which sport?
- Golf
 - Billiards
 - Chess
 - Soccer
27. Velocity of light is maximum in
- Diamond
 - Water

- c. Vacuum
 - d. Hydrogen
28. When sky is seen from an aeroplane at high altitude, it appears
- a. Blue
 - b. Black
 - c. White
 - d. Red
29. Viticulture is known for the production of
- a. Orange
 - b. Grapes
 - c. Apple
 - d. Saffron
30. The focusing in the eye is done by
- a. Change in the convexity of the lens
 - b. To and fro movement of the lens
 - c. To and fro movement of the retina
 - d. Change in the refractive index of the eye fluid
31. Electrical current does not flow between 2 properly connected charged bodies, if they are having_
- a. Same charge
 - b. Same capacity
 - c. Same resistivity
 - d. Same potential
32. Which of the following describes the lithosphere?
- a. Upper and lower mantle
 - b. Crust and upper mantle
 - c. Crust and core
 - d. Mantle and core
33. Which one of the following is not an international boundary line?
- a. Dresden line
 - b. Durand Line
 - c. Maginot line
 - d. 38th parallel
34. Who is non-member who can participate in the debate of loksabha?
- a. Vice President
 - b. Chief Justice of India
 - c. Attorney General of India
 - d. President

35. Which of the following is generally found in sedimentary rocks?
- a. Basalt
 - b. Silica
 - c. Shale
 - d. None of the above
36. Lawrence is the river, formed boundary between which of the following countries?
- a. India-China
 - b. Brazil-Paraguay
 - c. USA-Canada
 - d. UK-Ireland
37. Rain shadow effect is associated with
- a. cyclonic rainfall
 - b. orographic rainfall
 - c. frontal rainfall
 - d. conventional rainfall
38. Which one of the following basins experiences the conventional rainfall?
- a. Amazon
 - b. Ganga
 - c. Hwang Ho
 - d. None of the above
39. He regretted that he had acted so rashly in the 'Play'.
- a. because he had act
 - b. that he had acts
 - c. because he has acted
 - d. No correction required
40. The thieves broke..... the museum to steal the painting.
- a. up
 - b. side
 - c. off
 - d. into

Part II A

- Find the sub-duplicate ration of 81:64
 - 8:9
 - 4:9
 - 9:8
 - 7:8
- Find the compound ratio of 2:7, 5:3 and 4:7
 - 147:40
 - 40:147
 - 147:30
 - 30:147
- If $xy = 36$, which of the following is correct?
 - $X:9=4:y$
 - $9:x=4:y$
 - $X:17=y:7$
 - $X:6=y:6$
- A sum of Rs 782 has been divided between P,Q & R in the ration of $\frac{1}{2}:\frac{2}{3}:\frac{3}{4}$. Find the share of R
 - 153
 - 305
 - 453
 - 306
- What number has to be added to each term of 3:5 to make the ration 5:6?
 - 5
 - 6
 - 8
 - 7
- The sum of ages of a father and his son is 100 yr now, 5 ye ago, their ages were in the ratio of 2:1. Find the ratio of the ages of father and son after 10yr.
 - 4:3
 - 5:3
 - 3:5
 - 10:7
- If 16 dozens bananas cost Rs.360, how many bananas can be bought in Rs.60?
 - 16
 - 48
 - 32
 - 50

8. If price of m articles is n , what is the price of 5 articles?
- $5n/m$
 - $mn/5$
 - m/n
 - $5m/n$
9. 22 men can complete a job in 16 days. In how many days, will 32 men complete that job?
- 14
 - 12
 - 16
 - None of these
10. In a race Ravi covers 5 K in 20 m. How much distance will be cover in 100 minutes?
- 40 km
 - 35 km
 - 26 km
 - 25km
11. 8 men can do a piece of work in 10 days. How many men are needed to complete work in 40 days?
- 8 men
 - 6 men
 - 2 men
 - 9 men
12. If 12 men or 18 women can do a piece of work in 14 days. How long will 8 men and 16 women take to finish the work?
- 9 days
 - 12 days
 - 13 days
 - 10 days
13. A,B & C completed a work cosing Rs.1800. A worked for 6 days, B worked for 4 days and C worked for 9 days. If their daily wages are in the ration of 5:6:4, how much amount will be received by A?
- Rs.600
 - Rs. 500
 - Rs.900
 - Rs. 450
14. P alone can build a wall in 15 days while Q alone can build it in 20 days. If they build it together and get a payment of Rs.3500, find the P's share.
- 1500
 - 2000
 - 1300
 - 2500

15. An outlet pipe makes empty one-seventh part of a tank in 1H. How much time will the pipe take to empty full tank?
- 7 h
 - 6 h
 - 9 h
 - 4 h
16. Two pipes A and B can fill a tank in 18 and 6 h, respectively. If both the pipes are opened simultaneously, how much time will be taken to fill the tank?
- 4 ½ h
 - 7h
 - 6 h
 - 10 h
17. Two trains are running in the same direction. The speeds of two trains are 5 km/h and 15 km/h, respectively. What will be the relative speed of second train in respect of first?
- 10 km/h
 - 12 km/h
 - 15 km/h
 - 9 km/h
18. Convert 30 m/s into km/h
- 10 km/h
 - 105 km/h
 - 101 km/h
 - 108 km/h
19. A person riding a bike crosses a bridge with a speed of 54 km/h. What is the length of the bridge if he takes 4 min to cross the bridge?
- 3600 m
 - 2800 m
 - 3500 m
 - 4500 m
20. Two men A & B travel from point P to Q, a distance of 84 km at 12 km/h and 16 km/h, respectively. B reaches Q and returns immediately and meets A at R, find the distance from P to Q.
- 72 km
 - 76 km
 - 78 km
 - 68 km
21. John started from A to B and Vinod from B to A. If the distance between A and B is 125 km and they meet at 75 km from A, what is the ration of John's speed to that of Vinod's speed?
- 2:3
 - 3:2
 - 4:3
 - 5:4

22. A person goes from one point to another point with a speed of 5 km/h and comes back to starting point with a speed of 3 km/h. Find the average speed for the whole journey
- 4.5 km/h
 - 4 km/h
 - 4.25 km/h
 - 3.75 km/h
23. The salary of a worker is 1st increased by 5 % and then it is decreased by 5%, what is the change in his salary?
- 0.25 %
 - 0.27%
 - 0.30%
 - 0.34%
24. 89% of? + 365= 1075.22
- 798
 - 897
 - 898
 - 752
25. Because of scarcity of rainfall, the price of a land decreases by 12 % and its production also decreases by 4%. What is the total effect on revenue?
- Loss of 16%
 - Gain of 15%
 - Loss of 15.48%
 - Loss of 15.52%
26. A student has to score 40% marks to get through. If he gets 40 marks and fails by 40 marks. Find the maximum marks set for the examination.
- 200
 - 250
 - 300
 - 150
27. There are 2240 employees in an organization out of which 35% are transferred to different places. How many such employees are there to be transferred?
- 784
 - 1008
 - 896
 - 672
28. A person buys a book for Rs. 200 and sells it for Rs.225. What will be his gain percent?
- 13%
 - 14%
 - 18.4%
 - 12.5%

29. Charu purchased a dinner set at $\frac{3}{10}$ th of its selling price and sold it at 10% more than its SP. Find the gain percent.
- 15
 - 5
 - 9
 - 10
30. The difference between the CP & SP of an article is Rs. 300. If the loss is 25%. The selling price is-
- Rs. 1000
 - Rs. 850
 - Rs. 900.
 - Rs. 940
31. A vendor sells lemons at the rate of 5 for Rs. 14. Gaining thereby 40%. For how much did he buy a dozen lemon?
- Rs. 20
 - Rs.21
 - Rs. 24
 - Rs.28
32. What will be the simple interest on Rs. 4000 at $12\frac{1}{2}$ % per annum for the period from 4th Feb 2005 to 18 April 2005.
- Rs. 215
 - Rs. 120
 - Rs. 200
 - Rs. 100
33. Kriya deposits an amount of Rs.65800 to obtain a simple interest at the rate of 14% per annum for 4 yr. What total amount will Kriya get at the end of 4 yrs?
- Rs.102648
 - Rs.115246
 - Rs.125578
 - Rs.110324
34. At what rate per annum will the simple interest on a certain sum of a money be $\frac{1}{5}$ of the amount in 10 yr?
- 5%
 - 2%
 - 1%
 - 8%
35. At the rate of $8\frac{1}{2}$ % per annum simple interest. A sum of Rs. 5800 will earn how much interest in 2yr 3months?
- Rs. 1300
 - Rs. 1109
 - Rs. 1509
 - Rs. 1725

36. For the purpose of DA calculation of a Govt servant, absence from the Head Quarter is counted-
- 9.45 am to 9.45 am of next day
 - 6.15 pm to 6.15 pm of next day
 - Noon to Noon
 - Midnight to Midnight
37. No conveyance allowance is admissible unless the average running on duty by a Government servant is more than ____ Km per month.
- 100 km
 - 150 km
 - 200 km
 - 250 km
38. Financial year of the Government shall commence on the-
- 1st day of January and ends on the 31st day of December of the same year.
 - 1st day of April of each year and end on the 31st day of March, of the following year.
 - 1st day of July each year and ends on the 30th June of the following year.
 - None of the above
39. In single tender enquiry the following certificate is required under Rule 154 (i) 154 (iii):
- Urgency Certificate
 - Emergency Certificate
 - Proprietary Article Certificate
 - Standardization Certificate
40. When should bid security of the unsuccessful bidder be returned
- One of before 30th days after the award of contract
 - On or before 20th days after the award of contract
 - On or before 15th days after the award of contract
 - Within 45 days

Part II B

1 (a). Write a paragraph on "Honesty is the best policy" or "Work is worship". (Approximately 150 words)

5 marks

(b). Write a letter to the Chairman, Municipal Corporation about the bad conditions of the streets and to clean the area under "Swachh Bharat Abhiyan".

5 marks

2(a).What do you mean by Inventory Control? How you can make it effective to achieve Economy and Accountability? 5 marks

(b). Write main duties and functions of the accountant in an educational institution.

5 marks

Answer Key - Accountant

School of Planning & Architecture
Vijaywada (Andhra Pradesh)

OMR ANSWER SHEET

ROLL NO./ Application No.	TEST ID
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
0	0

Name
Post
Mobile No. Test Date / /

Candidate Sign

Invigilator Sign

INSTRUCTIONS FOR FILLING THE SHEET

1. This sheet should not be folded or crumpled.
2. Use only blue/black ball point pen to fill the circles.
3. Use of pencil is strictly prohibited.
4. Circles should be darkened completely and properly.
5. Cutting and erasing on this sheet is not allowed.
6. Do not use any stray marks on the sheet.
7. Do not use marker or white fluid to hide the marks.



A	B	C	D	
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