



P131 (BCA) (SEM-V)

CMP332-Quantitative Aptitude

Home Assignments Year 2025-26

Instructions for Solving the Home Assignment Question paper

1. The learner has to write the home assignment as per given instructions and rules in the prospectus. The learner should communicate through the Study Centre only, if there is any difficulty while writing the home assignment
2. Home assignments are useful for self-analysis of your preparation for the final examination and progress.
3. This home assignment question paper is for 20 marks and each question carries 5 marks.
4. The minimum passing criteria is 40 % marks which is essential for completion of home assignment.
5. Read all the questions and their marks in the home assignment question paper carefully and also understand the terminological words of these questions properly.
6. Read carefully the textbook, reference material, content & syllabus related to home assignment.
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14. The marks obtained in the home assignment and the remedial suggestions will get from examiner / counsellor.

Rahul B Raut

Academic Coordinator, Evaluation Division

P131 (BCA) (SEM-V)

CMP515-Quantitative Aptitude

(Total 20 Marks)

Que. Solve following Multiple Choice Questions (MCQ).

Que.1 i) A train running at the speed of 60 km/hr crosses a pole in 9 seconds. What is the length of the train? **3 Marks**

A) 120m B) 180m C) 150m D) 400m

ii) If 15 toys cost Rs. 234, what is cost of 35 toys? **2 Marks**

A) 250 B) 546 C) 575 D) 600

Que.2 i) A 400m long train is running at 72 Kmph. how much time will it take to cross an electric pole? **3 Marks**

- A) 15 sec B) 40 sec C) 60 sec D) 20 sec

ii) A person crosses a 600 m long street in 5 minutes. What is his speed in km per hour?

2 Marks

- A) 3.5 B) 7.2 C) 8.4 D) 10

Que.3 i) Time is taken by two trains running in opposite directions to cross a man standing on the platform in 28 seconds and 18 seconds respectively. It took 26 seconds for the trains to cross each other. What is the ratio of their speeds? **3 Marks**

- A) 2:3 B) 3:2 C) 4:1 D) 3:1

ii) In a throw of a coin, find the probability of getting a head.

2 Marks

- A) $\frac{1}{2}$ B) $\frac{1}{3}$ C) $\frac{1}{4}$ D) $\frac{1}{6}$

Que.4 Person can swim in water with a speed of 13 km/hr in still water. If the speed of the stream is 4 km/hr, what will be the time taken by the person to go 68 km downstream? **3 Marks**

- A) 2.5 hour B) 3 hour C) 4 hour D) 3.5 hour

ii) In a simultaneous throw of two coins, the probability of getting at least one head is:

2 Marks

- A) $\frac{1}{2}$ B) $\frac{1}{3}$ C) $\frac{3}{4}$ D) $\frac{1}{6}$



P131 (BCA) (SEM-V)

CMP513-E Commerce Technologies

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CMP513-E Commerce Technologies

(Total 20 Marks)

- Que. - 1:** Define E-Commerce and Explain advantage of E-Commerce. **(05 Marks)**
- Que. - 2:** What are Marketing Strategies? Enlist Marketing Strategies. **(05 Marks)**
- Que. - 3:** Discuss Customer Relationship Management and give a suitable example. **(05 Marks)**
- Que. - 4:** Explain the milestones of History of E - Commerce. **(05 Marks)**



P131 (BCA) (SEM-V)

CMP514-Advance Java

Home Assignments Year 2025-26

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P131 (BCA) (SEM-V)

CMP514-Advance Java

(Total 20 Marks)

- | | |
|--|-------------------|
| Que. - 1: What are the advantages of Spring Framework? | (05 Marks) |
| Que. - 2: Explain Generic Servlets Http Servlet and Http Session. | (05 Marks) |
| Que. - 3: Write Steps for accessing database using JDBC API. | (05 Marks) |
| Que. - 4: What is JSP? Explain JSP directives. | (05 Marks) |



P131 (BCA) (SEM-V)

CMP515-Linux Administration

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CMP515-Linux Administration

(Total 20 Marks)

- Que. - 1:** Write a short note on installing Linux. **(05 Marks)**
- Que. - 2:** Explain the working of gateways and routers in TCP/IP network. **(05 Marks)**
- Que. - 3:** Explain the setting up a firewall with iptables. **(05 Marks)**
- Que. - 4:** Explain managing file permissions in redhat linux. **(05 Marks)**