(Time: $2\frac{1}{2}$ hours)

[Total Marks: 60]

N. B.: (1) **All** questions are **compulsory**.
    (2) Make **suitable assumptions** wherever necessary and **state the assumptions** made.
    (3) Answers to the **same question** must be **written together**.
    (4) Numbers to the **right** indicate **marks**.
    (5) Draw **neat labeled diagrams** wherever **necessary**.
    (6) Use of **Non-programmable** calculator is **allowed**.

1. **Attempt *any two* of the following:**   12
a. What are the ways to setup guarded host in VMM fabric?
b. Write a short note on SDN.
c. Write steps to Create a service template in system Center - Virtual Machine Manager (VMM) management server.
d. How to create and manage Run As accounts in System Center - Virtual Machine Manager (VMM)?

2. **Attempt *any two* of the following:**   12
a. Difference between OLTP AND OLAP (Performance vs Analyzing transactions).
b. What are the different factors that effects SCSM server roles and features?
c. Explain components of System Center -Service Manager.
d. Write Software requirement for Service Manager.

3. **Attempt *any two* of the following:**   12
a. Write short notes on:
    i. Collections
    ii. Security Scopes
b. Explain the types of replication in configuration manager.
c. What is Configuration Manager? Explain features/benefits of Configuration Manager.
d. Explain different type of sites in Configuration Manager.

4. **Attempt *any two* of the following:**   12
a. Explain architecture of the Orchestrator.
b. What is the navigation pane? Explain different workspaces available in navigation pane (runbook workspace).
c. How to create and test a sample runbook in Orchestrator?
d. How to Configure the Run Program Activity in Orchestrator?

5. **Attempt *any two* of the following:**   12
a. What is the System data synchronization process?
b. Explain Workloads that DPM can back up.
c. Explain the steps involved in the offline backup in Azure.
d. What are different methods to backup DPM servers?

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