

Paper 6 Information System Control and Audit (Old Course)

1 An MNC acquired an Indian company. The day acquisition was implemented the MNC replaces all systems in the Indian Company with a brand B systems where as Indian Company was using brand A systems. Above scenarios shows that replacing systems can be a huge cost. In today's competitive environment it may not be possible for all companies to bear such expenses, so they allow employees to use their own systems rather than changing the same with a specific brand. This way of working is called as _____.

- (a) Digital Revolution
- (b) Emerging Technology
- (c) Bring Your Own Device
- (d) Grid Computing

2. A large company has created a specific cloud computing environment for its employees. Access to this cloud is available to company customers and vendors, whose KYC has been validated. This type of cloud can be classified as _____.

- (a) Community Cloud
- (b) Hybrid Cloud
- (c) Private Cloud
- (d) Public Cloud

3. A key concern in technology like BYOD, Cloud Computing, Mobile Computing is _____.

- (a) Ownership
- (b) Availability
- (c) Cost
- (d) Security

4. A bank in process of implementing CBS has got following proposal from two vendors out of five shortlisted. Vendors has suggested that they shall host a basic software at the bank branches. The branches need to have systems with basic configuration, and internet connections with appropriate security. Bank need not buy a separate server as all data shall be hosted on a central system and all people in branch shall be given a user ID to access system. This shall drastically reduce the CAPEX of bank as a whole. The vendors shall be charging on a per user basis per month. All data, application shall be stored at a central location. This proposal by vendors can be best classified as _____.

- (a) IaaS, PaaS
- (b) PaaS, SaaS
- (c) SaaS, IaaS
- (d) PaaS, IaaS, SaaS

5. Asymmetric Crypto System means a system of a secure key pair consisting of a private key for (a) _____ a digital signature and a public key to (b) _____ the digital signature; Kindly fill the two spaces with appropriate words.

- (a) a. Encrypting. b. Decrypt
- (b) a. Creating. b. Verify
- (c) a. Decrypting. b. Encrypt
- (d) a. Encoding b. Decode

6. "Any set of computer instructions that are designed - to modify, destroy, record, transmit data or programme residing within a computer, computer system or computer network; or by any means to usurp the normal operation of the computer, computer system, or computer network;" is defined as _____ in Information Technology Act.

- (a) Computer Virus
- (b) Computer Instruction
- (c) Computer Hacking
- (d) Computer Contaminant

7. A programmer in a software company stole the sources code of payroll program and made modifications in the source code the program. This action of programmer is an offence under chapter XI of the act. Kindly mention the sections of chapter XI under which programmer may have committed the offence.

- (a) 65, 66
- (b) 66, 67A
- (c) 67A, 67B
- (d) 65, 67B

8. Clients digital signatures are stolen from CA office and are mis-used. Under which section CA may held guilty.

- (a) 43
- (b) 43A
- (c) 65
- (d) 66

9. Auditor performing an audit needs to understand the audit risk as it exists at client end. The risk so assessed may be revised based on auditors conclusion on audit of sample check. This makes audit process _____.

- (a) Improper
- (b) Iterative
- (c) Incorrect
- (d) Inconclusive

10. In technology world availability of physical audit evidence is one of greatest challenges faced by auditors. How auditors can make good this challenge?

- (a) Through use of additional audit procedure.
- (b) Through use of CAATs.
- (c) Better audit timings.
- (d) Through use of CAATs and better audit timings.

11. Capability in a software, where it can list all cash transaction in excess of Rs.10,000/- can be classified as a _____ technique.

- (a) CAAT
- (b) Snapshot
- (c) Audit Hook
- (d) SCARF

12. Audit Trails document the actions, user details etc. Audit trails objectives include all except _____.

- (a) Detecting unauthorized access to the system
- (b) Facilitating the reconstruction of events
- (c) Documenting changes to be made in system.
- (d) Promoting personal accountability

13. System is broken into small components and each component is developed and delivered to client. This development method is _____.

- (a) Spiral
- (b) Agile
- (c) Prototype
- (d) Incremental

14. Entity tried to develop system using SDLC. The development effort failed, on analysis of major reasons for failure it was found that, poor user and developer interaction, was a key issue. You have been hired as a system development consultant. Kindly suggest a new development method that you feel can help entity overcome the failure.

- (a) Spiral
- (b) Agile
- (c) Prototype
- (d) Incremental

15. A software development model that combines iterative and incremental methods is..

- (a) Spiral
- (b) Agile
- (c) Prototype
- (d) RAD

16. During evaluation of schedule feasibility of system, company realised it needs a better alternative to SDLC as a method of development, as it takes lot of time. A list of alternative

development methods is made available. All methods are eligible to be selected as alternate except one. Kindly identify that method..

- (a) Spiral
- (b) Agile
- (c) Prototype
- (d) RAD

17. During an emergency plan, what is the first act to be done?

- (a) Identify cause of incident
- (b) Identify probable loss due to incident
- (c) Notify Authorities
- (d) Start Recovery Procedures

18 Backing up all files modified after last full back up is _____.

- (a) Full Back-up
- (b) Differential Back up
- (c) Incremental Back up
- (d) Mirror Back up

19. GOI wishes to create a very secure access control mechanism for its nuclear installations. Authorised person can only enter after identifying himself / herself through the system. Identify which security measure shall provide the maximum protection.

- (a) Bio-Metric Validation along with a PASS WORD
- (b) Entry Card with a PASS WORD
- (c) Bio-Metric validation for a person who has Entry card and PASS WORD
- (d) PASS WORD with Entry Card

20. Identify the odd one out.

- (a) Security Guard
- (b) CCTV
- (c) Alarm System
- (d) Deadman Doors

Answer Key

1	C	6	D	11	C	16	A
2	B	7	A	12	C	17	C
3	D	8	B	13	D	18	B
4	C	9	B	14	C	19	C
5	B	10	D	15	B	20	B