SBD2

MAY 2019

Roll No. ....

FINAL
GROUP-II PAPER-6
INFORMATION SYSTEMS
CONTROL AND AUDIT

Total No. of Questions – 6

Total No. of Printed Pages – 4

Maximum Marks – 70

GENERAL INSTRUCTIONS TO CANDIDATES

1. The question paper comprises two parts, Part I and Part II.
2. Part I comprises Multiple Choice Questions (MCQs).
3. Part II comprises questions which require descriptive type answers.
4. Ensure that you receive the question paper relating to both the parts. If you have not received both, bring it to the notice of the invigilator.
5. Answers to Questions in Part I are to be marked on the OMR answer sheet only. Answers to questions in Part II are to be written on the descriptive type answer book. Answers to MCQs, if written in the descriptive type answer book, will not be evaluated.
6. OMR answer sheet will be in English only for all candidates, including for Hindi medium candidates.
7. The bar coded sticker provided in the attendance register, is to be affixed only on the descriptive type answer book. No bar code sticker is to be affixed on the OMR answer sheet.
8. You will be allowed to leave the examination hall only after the conclusion of the exam. If you have completed the paper before time, remain in your seat till the conclusion of the exam.
9. Duration of the examination is 3 hours. You will be required to submit (a) Part I of the question paper containing MCQs, (b) OMR answer sheet thereon and (c) the answer book in respect of descriptive type answer book to the invigilator before leaving the exam hall, after the conclusion of the exam.
10. The invigilator will give you acknowledgement on Page 2 of the admit card, upon receipt of the above-mentioned items.
11. Candidate found copying or receiving or giving any help or defying instructions of the invigilators will be expelled from the examination and will also be liable for further punitive action.

PART – II

70 marks

1. Question paper – Part-II comprises 6 questions. Answer Question No. 1 which is compulsory and any 4 out of the remaining 5 questions.
2. Answers to the questions are to be given only in English except in the case of candidates who have opted for Hindi Medium. If a candidate who has not opted for Hindi Medium, his/her answers in Hindi will not be evaluated.

SBD2

P.T.O.

PART – II

1. ABC Limited is a marketing company having multiple branches across India. The company is planning to expand its business by opening new branches in India as well as in abroad. With such expansion of business and related activities thereon, the company wants to ensure Information Technology compliance with the help of implementation of COBIT 5. The company has invited proposals from various vendors for the purchase of hardware and software to support the proposed expansion. The Board of Directors wants to follow the best practices in areas of Governance, which are adopted across the industry, in the activities of the company.

You are appointed as a consultant in the company. Please answer the following queries raised by the management of ABC Limited.

   (a) What are the various methods to validate the vendor's proposal received in respect of the hardware and software purchase ? **6**

   (b) As the consultant of the company, you are asked to explain the major benefits of Governance to the Board of Directors. **5**

   (c) COBIT 5 provides key management practices for ensuring compliance with external compliance as relevant to the enterprise. Explain the key management practices to help the management of the company to ensure IT compliance. **3**

2. (a) In order to cope up with the new technology usage in an enterprise, the auditor shall be competent to provide independent evaluation as to whether the business process activities are recorded and reported according to established standards or criteria. In light of this, discuss the issues involved in the performance of evidence collection and understanding the reliability of controls.   **6**

(b) The intuitive character of executive decision-making is reflected strongly in the types of information found most useful to executives. Briefly explain the characteristics of the types of information used in executive decision-making.   **5**

(c) Continuous auditing enables auditors to shift their focus from the traditional "transaction" audit to the "system and operations" audit. List any three 'disadvantages and limitations' of the use of continuous audit techniques.   **3**

3. (a) You are appointed as consultant in an organisation for its program development and implementation. The management has requested you to briefly describe the various phases of Program Development Life Cycle.   **6**

(b) Explain the Tactical Layer of Application Security Layer and the audit issues relating to the tactical layer with respect to the application security control auditing.   **5**

(c) Define the following terms with reference to Information Technology Act: **3**

(i) Electronic Form

(ii) Information

(iii) Key Pair

SBD2

4. (a) Explain the characteristics of Software as a Service in cloud computing.　**6**

   (b) Discuss various levels of classification of information in an organisation.　**5**

   (c) PQR Insurance Company Limited is providing insurance services to Indian citizens. What are the requirements of IRDA for System Audit in respect of this company ?　**3**

5. (a) Briefly explain the components of BCM process.　**6**

   (b) You are appointed to audit the Information Systems of XYZ Limited. Please enlighten the management about various categories of Information Systems Audits.　**5**

   (c) Write a short note on Business Intelligence.　**3**

6. (a) Explain the sections contained in a well-documented Systems Requirement Specifications (SRS).　**6**

   (b) In the present day, the enterprises not only need to protect their IS assets against cyber-attack but also need to take steps to ensure compliance with cyber laws as well. What are the key steps for ensuring such compliance ?　**5**

   (c) Write a short note on the Audit of Quality Assurance Management Controls.　**3**

OR

Write any three major strengths of Agile Model of Software Development.　**3**

_____