

National Testing Agency

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CIT 002 Introduction to Information Technology

Group Number :	1
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CIT 002 Introduction to Information Technology-1

Section Id :	512452784
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	20
Number of Questions to be attempted :	20
Section Marks :	20
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	512452787
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 51245212415 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The statement "High level of pollution is bad for health" can be:

1. Data
2. Information
3. Knowledge
4. Wisdom

Options :

- 51245237901. 1
- 51245237902. 2
- 51245237903. 3
- 51245237904. 4

Question Number : 2 Question Id : 51245212416 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is the difference between backing up data and archiving data?

1. A backup is made for information storage, while archive is stored data that may result in future decision making
2. Back up may be used even after 2 to 3 years of being taken, while the life of an archive is short term
3. a backup is need to restore if you lose data on the computer, while an archive is data that is not in active use
4. Backup consists of only text while archive stores text and picture

Options :

- 51245237905. 1
- 51245237906. 2
- 51245237907. 3
- 51245237908. 4

Sub-Section Number : 2
Sub-Section Id : 512452788
Question Shuffling Allowed : Yes

Question Number : 3 Question Id : 51245212417 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Digital divide may reduce the employment opportunities for the person who does not use ICT.

1. True
2. False

Options :

- 51245237909. 1
- 51245237910. 2

Sub-Section Number : 3
Sub-Section Id : 512452789

Question Shuffling Allowed :

Yes

Question Number : 4 Question Id : 51245212418 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The digital divide can be bridged by

1. Forming separate user ids for a person who does not use computers
2. Asking NGOs to create a separate category of people
3. giving jobs to only those who do not have knowledge of ICT
4. providing education about use of ICT and related technologies

Options :

- 51245237911. 1
- 51245237912. 2
- 51245237913. 3
- 51245237914. 4

Question Number : 5 Question Id : 51245212419 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Why does a hacker use a proxy server?

1. To hide the hacker and the malicious activity
2. To create a ghost server on the network
3. To get a remote access connection
4. To create a stronger connection with the target

Options :

- 51245237915. 1
- 51245237916. 2
- 51245237917. 3
- 51245237918. 4

Question Number : 6 Question Id : 51245212420 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

An attack in which an attacker masquerades as a proper entity is

1. Hacking
2. Masquerading
3. Phishing
4. Cheating

Options :

- 51245237919. 1
- 51245237920. 2
- 51245237921. 3

51245237922. 4

Question Number : 7 Question Id : 51245212421 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

E-Commerce application building tools can be categorised as:

1. Computer Hardware and Firmware (CHF)
2. Application Programming Interface (API)
3. Machine Learning Tools and Applications (MLA)
4. Artificial Intelligence (AI)

Options :

51245237923. 1

51245237924. 2

51245237925. 3

51245237926. 4

Question Number : 8 Question Id : 51245212422 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A merchant service provided in an e-commerce application, which authorises payment by credit cards, debit cards etc., is called payment _____.

1. Path
2. Site
3. Mechanism
4. Gateway

Options :

51245237927. 1

51245237928. 2

51245237929. 3

51245237930. 4

Question Number : 9 Question Id : 51245212423 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which one of the following is an E-learning standard?

1. Universal Code for E-learning
2. Object Oriented Programming Model
3. Sharable Content Object Reference Model
4. Learning Object Creation Protocol Standard

Options :

- 51245237931. 1
- 51245237932. 2
- 51245237933. 3
- 51245237934. 4

Question Number : 10 Question Id : 51245212424 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which one of the following is a risk of using electronic patient records?

- 1. The errors in data may lead to an incorrect diagnosis
- 2. The information is available any time and insurer may access the information to increase premium
- 3. Sensitive medical information of patients may be revealed to organizations
- 4. The data in electronic form may take longer to access. It has a risk of being non structured.

Options :

- 51245237935. 1
- 51245237936. 2
- 51245237937. 3
- 51245237938. 4

Question Number : 11 Question Id : 51245212425 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A system of people, data records and activities that process the data and information in an organization which includes the organisation's manual and automated processes is called a/an

- 1. Embedded System
- 2. Computer Vision
- 3. Computer Program
- 4. Information System

Options :

- 51245237939. 1
- 51245237940. 2
- 51245237941. 3
- 51245237942. 4

Question Number : 12 Question Id : 51245212426 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Online admission system, which allows students to register and pay fee for various programmes of a University, is an example of:

1. Transaction processing system
2. Management Information system
3. Decision Support System
4. Knowledge based System

Options :

- 51245237943. 1
- 51245237944. 2
- 51245237945. 3
- 51245237946. 4

Sub-Section Number : 4
Sub-Section Id : 512452790
Question Shuffling Allowed : Yes

Question Number : 13 Question Id : 51245212427 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Development performance of a project is measured in context of time and effort, conformance to budgets and standards and other project management criteria.

1. True
2. False

Options :

- 51245237947. 1
- 51245237948. 2

Sub-Section Number : 5
Sub-Section Id : 512452791
Question Shuffling Allowed : Yes

Question Number : 14 Question Id : 51245212428 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

G2C is

1. Government to Citizens
2. Related to global position system
3. Related to Geographical Information System
4. Global Market to Citizens

Options :

- 51245237949. 1
- 51245237950. 2
- 51245237951. 3

51245237952. 4

Question Number : 15 Question Id : 51245212429 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

An embedded device consists of:

1. Hardware component only
2. Software component only
3. Both hardware and software component
4. Intelligent robotic machines

Options :

51245237953. 1

51245237954. 2

51245237955. 3

51245237956. 4

Question Number : 16 Question Id : 51245212430 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Real time Operating system will involve

1. Extremely large file system
2. Gaming devices
3. Realistic use of Big data
4. fast data processing

Options :

51245237957. 1

51245237958. 2

51245237959. 3

51245237960. 4

Question Number : 17 Question Id : 51245212431 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following control is used for HCI?

1. Menu
2. Keyboard
3. Printer
4. Voice commands

Options :

51245237961. 1

51245237962. 2

51245237963. 3

51245237964. 4

Question Number : 18 Question Id : 51245212432 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

GUI stands for

1. Graphical User Interaction
2. Graphical User Interface
3. Graphical Unique Interaction
4. Graphical Unique Interaction

Options :

51245237965. 1

51245237966. 2

51245237967. 3

51245237968. 4

Question Number : 19 Question Id : 51245212433 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The branch of Computer Science whose goal is to model the real world or to recognize objects from digital images is:

1. Human Computer Interface
2. Multimedia
3. Soft Computing
4. Computer Vision

Options :

51245237969. 1

51245237970. 2

51245237971. 3

51245237972. 4

Question Number : 20 Question Id : 51245212434 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The process or technique to complete a partial image of an object is called:

1. illumination
2. image restoration
3. view-point variation
4. occlusion

Options :

51245237973. 1

51245237974. 2

51245237975. 3

51245237976. 4

CIT 002 Introduction to Information Technology-2

Section Id :	512452785
Section Number :	2
Section type :	Offline
Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	30
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	512452792
Question Shuffling Allowed :	No

Question Number : 21 Question Id : 51245212435 Question Type : SUBJECTIVE

Correct Marks : 3

Differentiate between Data and Information with the help of an example.

Question Number : 22 Question Id : 51245212436 Question Type : SUBJECTIVE

Correct Marks : 3

What are the reasons of Digital Divide? Explain.

Question Number : 23 Question Id : 51245212437 Question Type : SUBJECTIVE

Correct Marks : 3

What is cyber crime? Explain.

Question Number : 24 Question Id : 51245212438 Question Type : SUBJECTIVE

Correct Marks : 3

What is Business to Business e-Commerce?. List the advantages of B2B e-commerce.

Question Number : 25 Question Id : 51245212439 Question Type : SUBJECTIVE

Correct Marks : 3

List any two Government services which are offered online. List the features of any one of these services.

Question Number : 26 Question Id : 51245212440 Question Type : SUBJECTIVE

Correct Marks : 3

List the steps for the development of Information System. Explain any one of these steps.

Question Number : 27 Question Id : 51245212441 Question Type : SUBJECTIVE

Correct Marks : 3

List the features of any one Information Technology Project in India.

Question Number : 28 Question Id : 51245212442 Question Type : SUBJECTIVE

Correct Marks : 3

Why an MIS requires maintenance? Explain with the help of an example.

Question Number : 29 Question Id : 51245212443 Question Type : SUBJECTIVE

Correct Marks : 3

List any 4 output devices in the context of Human Computer Interface. Explain the feature of any one of these devices.

Question Number : 30 Question Id : 51245212444 Question Type : SUBJECTIVE

Correct Marks : 3

List the advantages of Computer Vision.

CIT 002 Introduction to Information Technology-3

Section Id :	512452786
Section Number :	3
Section type :	Offline
Mandatory or Optional :	Mandatory
Number of Questions :	7
Number of Questions to be attempted :	5
Section Marks :	50
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	512452793
Question Shuffling Allowed :	No

Question Number : 31 Question Id : 51245212445 Question Type : SUBJECTIVE

Correct Marks : 10

Explain different types of Information. Explain the meaning of quality and value of information. What are the different sources of Information?

Question Number : 32 Question Id : 51245212446 Question Type : SUBJECTIVE

Correct Marks : 10

What is meant by ICT? Explain any four technologies of ICT? What are the advantages of ICT? How is ICT responsible for digital divide? Explain

Question Number : 33 Question Id : 51245212447 Question Type : SUBJECTIVE

Correct Marks : 10

Explain different electronic payment systems. What are the security risks associated with these systems? Explain.

Question Number : 34 Question Id : 51245212448 Question Type : SUBJECTIVE

Correct Marks : 10

Explain any 5 features of E - learning. Also explain any 5 advantages of e-Learning,

Question Number : 35 Question Id : 51245212449 Question Type : SUBJECTIVE

Correct Marks : 10

Explain the advantages of a Management Information System. What should be the features of a MIS designed for Train Ticket Booking and Management?

Question Number : 36 Question Id : 51245212450 Question Type : SUBJECTIVE

Correct Marks : 10

What is an embedded system? Explain the component of an embedded system? Explain the classification of an embedded system and embedded operating system.

Question Number : 37 Question Id : 51245212451 Question Type : SUBJECTIVE

Correct Marks : 10

What is Computer Vision ? Explain any 4 applications of Computer Vision.