

Printing Pages :2

Paper Code: Z050501

A (SVSU:2024-25/R)

Enrollment No.

ALL NEP 2020 (Common)

III YEAR/ V SEMESTER EXAMINATION

Analytic Ability and Digital Awareness

Subject Code- Z050501

[Time : 3:00 Hours]

[Max. Marks : 75]

I. Objective Question: Answer All Question

[1x15= 15]

1. The value of complete angle is as
a) 180° b) 60° c) 90° d) 360°
2. The area of circle if radius r is
a) π b) πr^2 c) πr d) None
3. The angle whose measure is 90° called of an
a) Acute Angle b) Obtuse Angle c) Right Angle d) Straight Angle
4. Which of the following is the next term of series 4,6,9,13,.....
a) 17 b) 18 c) 19 d) 20
5. Find the letter which is 7th from right in the English Alphabet?
a) P b) C c) T d) V
6. What does the term "cell" refer to in Ms Excel.
a) A group of Worksheets b) The intersection of row and column
c) A type of chart d) A formatting option
7. Which of the following is a popular web browser developed by Google?
a) Firefox b) Safari c) Internet Explorer d) Chrome
8. URL stands for _____.
a) Uniform Resource Locator b) Universal Research Link
c) Unified Resource Listing d) User Request Link
9. Which of the following is a popular email service provided by Google?
a) Outlook b) Yahoo Mail c) Gmail d) Hotmail
10. What does "CC" stand for in the context of email?
a) Carbon Copy b) Copy Content
c) Click and collect d) Communication center
11. Which of the following is considered an element of cyber security?
a) Network Security b) Operational Security
c) Application Security d) All of these
12. In which category does the lack access control policy fall?
a) Threat b) Bug c) Attack d) Vulnerability

13. Malware stands for?

- a) Multipurpose software b) Malfunctioned Software
- c) Malicious software d) Malfunctioning of security

14. The most common way to maintain data availability?

- (a) Data Clustering (b) Data Altering
- (c) Data Backup (d) Data Recovery

15. Full form of TCP?

- a) Transmission Control Protocol b) Transmission Contribution Protocol
- c) Transmitter Control Protocol d) Transaction Control Protocol

II. Long Question: Answer Any Three out of five
[10x3=30]

1. Explain the types of Information Security.
2. Discuss about the types of Information System.
3. Describe the classification of computer.
4. The area of a square field is 144 square meter. Find the side and perimeter.
5. Find the missing number(?)
 - i) $1/16, 1/8, 1/4, 1/2, 1, ?$
 - ii) 98, 99, 107, ?, 198

III. Short Question: Answer any five out of seven **[6x5=30]**

1. Explain System software.
2. Write a short note on Email.
3. What is Cyber Security.
4. Find the wrong term in the series 3, 8, 15, 24, 34, 48, 63.
5. If RUSH is coded as 66 then how is GIRL coded as.
6. The area of rectangle is 120m^2 . If the length of rectangle is 40 m. Then, the breadth is.
7. Draw a block diagram of digital computer and explain in brief.

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C

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8. The value of complete angle is as

- a) 180° b) 60° c) 90° d) 360°

9. The area of circle if radius r is

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10. The angle whose measure is 90° called of an

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- d) Malfunctioning of security

II. Long Question: Answer Any Three out of five

[10x3=30]

1. What is Internet and write the advantages and disadvantages.
2. Explain the computer memory and its types.
3. Describe the classification of computer.
4. The area of a square field is 144 square meter. Find the side and perimeter.
5. Find the area of right angled triangle whose two sides (base and height) are 3 cm and 4cm.

III. Short Question: Answer any five out of seven

[6x5=30]

1. Elaborate the classification of computer.
2. Write a short note on Email.
3. Find the volume of cuboids whose one sides are 3, 4 and 5 cm.
4. In a code language. BOOK is written as COOL. How will FOOD be written in that code?
5. Explain types of software
6. Draw a block diagram of digital computer and explain in brief.
7. What is Cyber Security?

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B

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 c) Transmitter Control Protocol
 d) Transaction Control Protocol

II. Long Question: Answer Any Three out of five **[10x3=30]**

1. What is the 5th term of the following GP; 2, 4, 8,.....
2. Explain the types of Information Security.
3. Discuss about the secondary memory.
4. Describe the classification of computer.
5. The area of a square field is 144 square meter. Find the side and perimeter.

III. Short Question: Answer any five out of seven **[6x5=30]**

1. Find the volume of a cuboid whose one sides are 3, 4 and 5 cm.
2. In a code language, BOOK is written as COOL. How will FOOD be written in that code?
3. Explain types of software.
4. Write a short note on Email.
5. What is Cyber Security?
6. Draw a block diagram of digital computer and explain in brief.
7. Find the sum of squares of first 50 natural numbers.