B. K. BIRLA CENTRE FOR EDUCATION, E

(SENIOR SECONDARY ECO DAY CUM RESIDENTIAL SCHOOL, AFFILIATED TO CBSE NEW DELH

ANNUAL EXAMINATION (2024-25)

ARTIFICIAL INTELLIGENCE

Class : II
Date 10-03-2025

MARKING SCHEM

Duration : 130 Hours
Max. Marks : 40

Write the answer in question paper itself.

1. Tick (Ѵ) the correct option.(Answer any 4 of 5) 4 x 1=4 Marks

i. Which tool is used to erase the part of drawing?

a. Crop b. Delete **c. Eraser**

ii. We can resize the image using the

a. Crop b. Shape **c. Resize**

iii. é é é é é . t o o l select an image in irregular shape.

a. **Free Form** b. Rectangular Selection c. Both a & b

iv. Which option is used to move an object in Paint?

a. Cut,Copy **b. Cut,Paste** c. Copy,Paste

v. Which tool is used to add text with an image?

a. **Text** b. Image c. Graphics

2. Fill in the blanks with the help of words given in the box. (Answer any 4 of 5)
4 x 1= 4 Marks

Zoom Slider	**Notepad**	**WordPad**	**Cursor**	**Paste**

i. **Cursor**. is a blinking line from where the text begins.

ii. **WordPad** ..is a program useful in creating and modifying the documents.

iii. WordPad contains **Notepad** features tha

iv. **Zoom Slider**.is used to zoom in or zoom out the window.

v. **Paste** é o p t ii s o n u s e d t o p l a c e t h e c u t t e x

3. W r i t e ó T ô f o r t r u e (Answer any 4 of 5) 4 x 1=4 Marks e s

i. Slope bar is used to increase or decrease the size of a stamp. T

ii. Tux paint contains many tools which of various functions. T

iii. Selector contains various basic tools and application controls. T

iv. Rainbow effect is used to add raindrops in a drawing. F

v. Rainbow is a colorful arc which appears in the sky. T

4. Fill in the blanks the help of words given in the box. (Answer any 4 of 5) 4 x 1=4 Marks

Number	Analysis	Pyramid	Reasoning	East

i. **Analysis**..means to closely examine the problem.

ii. **Number** é g r i d i s a g r i d w h e r e e a c h g r i given.

iii. **Reasoning** é . m e a n s t o f i n d p r o b l e m . s o l u t i o n t o

iv. A n u m b e r **Pyramid** é i s a p y r a m i d o f n u m b e r v space is the total of the two numbers below it.

v. S u n r i s e s **East** i é n . d t h r e e é é i o n .

5. W r i t e ó T ô f o r t r u e a n d F ô f o r f a l s e (Answer any 4 of 5) 4 x 1=4 Marks

i. Navigation apps help to find the best possible route. T

ii. Sofia is an industrial robot. F

iii. AI is developed to make our life super easy. T

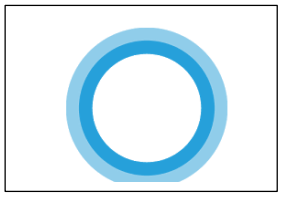
iv. A robot can move from one place to another. T

v. Robots are machines which are programmed to perform tasks just like humans. T

Short Answer Questions (Answer any 10 of 12) 10 x 2 = 20 Marks

6. What do you mean by Robots? Name at least one robot.
Ans-Robots are machine which are programmed to perform tasks just like human.
AIBO,Sofia,Cozmo

7. Name any two of the following AI technology.



Cortana

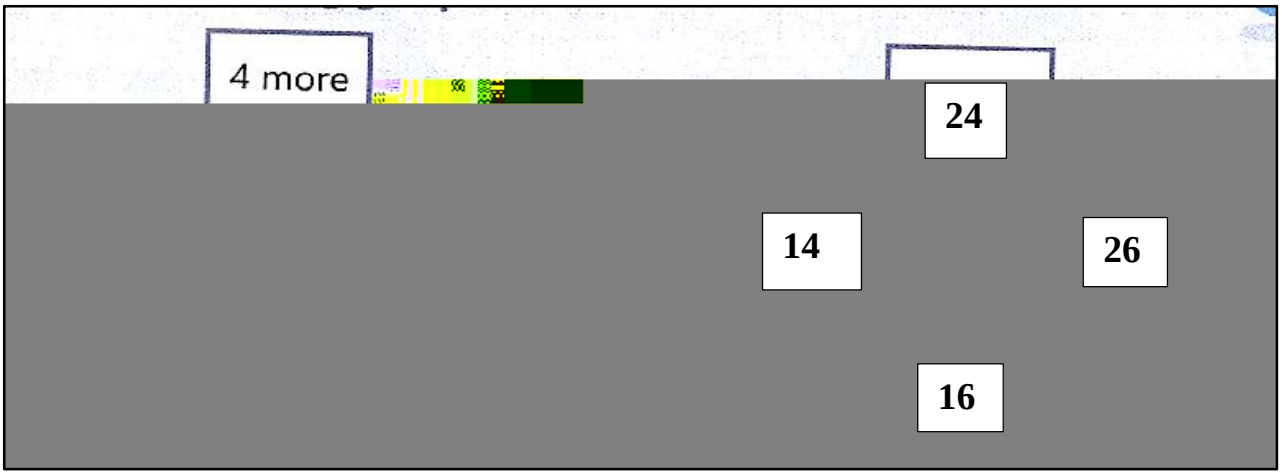
SIRI

Alexa

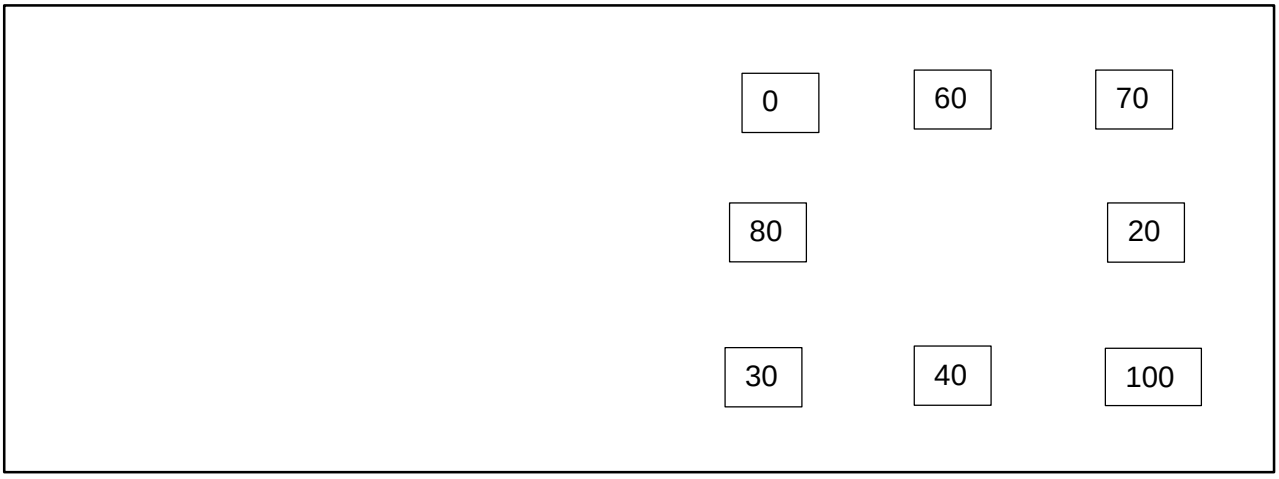
8. Define Digital Assistance and give at least one example.
Ans- Digital Assistance are machine designed to communicate with the users and play music,perform calculations,internet searching etc. example- SIRI,Alexa, Cortana

9. Name the four directions which are defined earth Motion.
Ans-Four directions are- East,West,North and South which are defined by earth motion.

10. Solve the following grid puzzle.



11. Read the instructions given on the number grid and solve the puzzle.



12. Which tool contains the various effects that can be used to create drawings with special appearance?

13. Ans-Magic Tool contains the various effects that can be used to create drawings with special appearance.