

Chiniot Islamia Public School First Quartely Test

CS VI P2 - CS VI P2

Total Marks: 100 **Name:** _____ **Section:** _____

Q1 .

1. when green flag clicked forever if then // Red color say "Touching red!" end end

Question: What happens if the sprite touches the red backdrop?

2. How can you make a sprite change its costume automatically during a game?

3.

☐ a)

☐



☐ c)

☐



a) Which icon is Ms-Paint?

[2]

c i) What is a toolbox?

[2]

cii) List any four drawing tools of Paint. [4] 1).....

2).....

3)

4).....

4. What is a sprite in Scratch?

5. A boy gives a statement that "Ms-Paint is dffer from Ms 3D Paint". Are you agree v

r

6. Match the icon in column A with the correct explanation in column B and write your answer in column C. [/4]

Column A	Column B	Column C
(a) Move 	(i) Select an object by drawing a rectangle or an ellipse around it. Click the tool button, and choose a rectangular.	(a) ____
(b) Marquee 	(ii) Select all objects in a document with the same or similar fill colour, stroke weight, stroke colour, opacity or blending mode. By specifying the colour range or tolerance, you can control what the tool selects.	(b) ____
(c) Lasso 	(iii) Used to select and move objects on the page. Click the tool button, then click on any object on the page you wish to move.	(c) ____
(d) Magic Wand 	(iv) Select an object by drawing a freehand border around it. Click the tool button, and drag to draw a freehand border around the area of the image you wish to select.	(d) ____
	(v) It can be applied to smart object and can be readjusted any time.	

7. a) What is the function of Gradient Tool?

[2]

b) How we apply single color on background?

[2]

c) What is the function of layers in Photoshop?

[2]

8. Fill the missing step in Drawing images using 2D shapes 1) Select a shape tool 2) Draw the shape 3)..... 4) Format the outline 5)6) Save the Image
9. What will the sprite say when this code runs?



10. Create a program where a sprite jumps whenever the spacebar is pressed. What blocks would you use?

11. This code should make the sprite jump up and down when the space key is pressed.
What is wrong?



12. What is Scratch, and why do we use it?

- 13.



- a) Identify me, Which image interface am I? [1]

[2]

14. Write three features of Canva which make it differ from other Image processing Software

1)

2).....

3)

15.



How to duplicate a picture?

- ☐ a) Draw again
- ☐ b) Copy, Paste
- ☐ c) Select, Copy, Paste
- ☐ d) Cut



What box is it?

- ☐ a) Tool box
- ☐ b) Shape box
- ☐ c) Color box
- ☐ d) Size

c) What is th

[2]

16. How can you duplicate a sprite in Scratch?

17.

Match the script with its output.

Script	Output
1. when green flag clicked → move 10 steps	A. The sprite moves in a square.
2. repeat 4 → move 50 steps → turn 90 degrees	B. The sprite moves forward.
3. when green flag clicked → glide 1 second to x: 0, y: 0	C. The sprite glides to the center.
4. when this sprite clicked → say "Hello!" for 2 seconds	D. The sprite says "Hello!"

18. when green flag clicked repeat 3 play sound "Meow" wait 1 seconds end say "Done!" How many times will the "Meow" sound play, and what will the sprite say at the end?

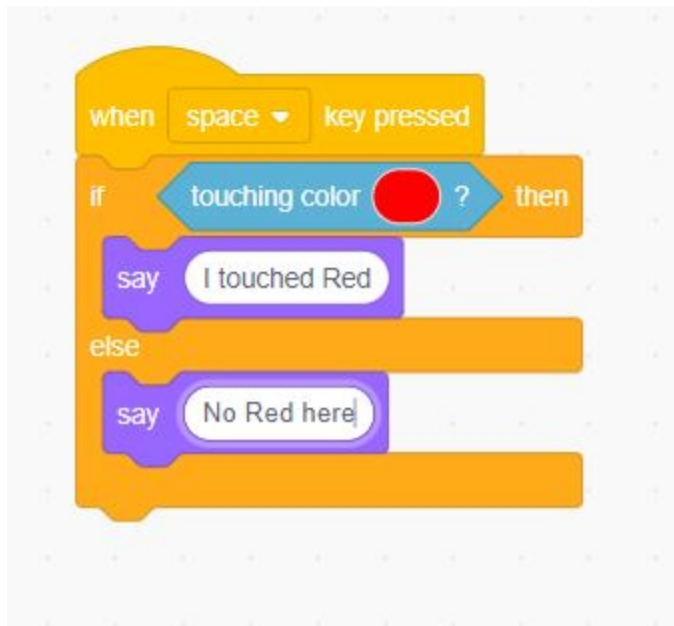
19. Name and explain the three selection tools in Photoshop. Which one do you prefer to use? [4]

20. Match the following terms in Column A with their descriptions in Column B.

Column A	Column B
1. Motion block	A. Stores data that can be updated or reused.
2. Looks block	B. Makes a sprite move or change its position.
3. Variable	C. Used to make a sprite appear or disappear.
4. Event block	D. Starts an action when something happens.

21. Your school is having a competition to design a simple logo for a school event. You decide to create a logo that includes a star, a border, and the event name. **Drawing a Star (4 Marks):** How would you draw a five-pointed star in MS Paint? Which tool would you use, and where would you find it? After drawing, how would you fill it with the color yellow?

22. What is the Output of this code?



23. What happens when you click the green flag in Scratch?

24. You want to draw a simple ocean scene with blue waves and a yellow beach. You want to draw some simple, flowing waves in the ocean. Which tool would allow you to draw these freehand curves? How would you make them blue

25. You want to make a special birthday card for your friend using MS Paint. You envision a big, bright red balloon, the words "Happy Birthday!" written in a fun blue font, and a scattering of colorful confetti all around. **Drawing the Balloon (4 Marks):** a) Which two tools would be most suitable to draw a perfect circular balloon and then fill it completely with the color red? b) Describe the steps you would take, from selecting the tool to making the balloon red.

26. You want to draw a simple ocean scene with blue waves and a yellow beach. **Drawing the Horizon (4 Marks):** How would you draw a perfectly straight line to separate the sky from the ocean? Which tool would you use, and how would you make sure it's straight? After drawing, how would you color the sky light blue?

27. when green flag clicked hide wait 2 seconds show **Question:** What will happen to the sprite?

28.



Identify 8 Adobe Photoshop tools in the panel given below

29. when green flag clicked say "Hello World!" **Question:** What will the sprite say?

30. You're hungry and decide to draw a picture of a delicious ice cream cone with two scoops – one pink strawberry and one brown chocolate – on a crispy cone. **The Cone (4 Marks):** How would you draw the basic shape of the ice cream cone (a triangle)? Which tool would you use, and how would you color it light brown or beige?

31. You want to make a special birthday card for your friend using MS Paint. You envision a big, bright red balloon, the words "Happy Birthday!" written in a fun blue font, and a scattering of colorful confetti all around. You want to add small, colorful dots for confetti. Which tool would be best for this, and how would you make sure you have different colors for each dot?

32. How can you use the "repeat until" block to make a sprite stop when it reaches a specific point?

33. How do you make a sprite rotate or turn in a specific direction?

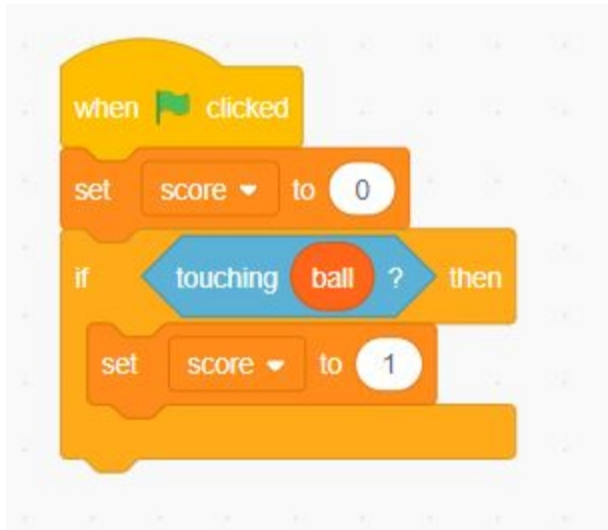
34. What block would you use to stop all actions in a project?

35. when green flag clicked say "Starting" wait (2) seconds stop all say "Finished"

Question: What will happen in this code?

36. You have a favorite picture saved on your computer, and you want to design a simple, colorful digital frame for it in MS Paint before printing. **Frame Outline (4 Marks):** How would you draw the outer and inner rectangular outlines for your picture frame? Which tool would you use, and how would you ensure both are perfectly rectangular?

37. This code is supposed to make a score increase by 1 when the sprite touches a ball. What is wrong? Make the correction



38. You're imagining your dream house and want to draw a simple picture of it in MS Paint. Your house will have a rectangular body, a triangular roof, and square windows. Which tool would you use to draw the rectangular shape for the main part of your house? Explain how you would use it.

39. You are learning about road safety and want to draw a simple traffic light with its three colored lights. You need to draw the main casing of the traffic light, which is a vertical rectangle. Which tool would you use, and what is a quick way to copy and paste if you wanted to make a second identical traffic light?

40. when green flag clicked move 50 steps turn 90 degrees move 50 steps **Question:**
What will the sprite do?

41. You're hungry and decide to draw a picture of a delicious ice cream cone with two scoops – one pink strawberry and one brown chocolate – on a crispy cone. You need to add two scoops on top of the cone – one pink and one brown. Which tool is best for drawing these round scoops, and how would you apply the different colors?

42. You have a favorite picture saved on your computer, and you want to design a simple, colorful digital frame for it in MS Paint before printing. You want the frame to be a solid blue color. After drawing the outlines, how would you fill the space between the two rectangles with blue?

43. You want to make a special birthday card for your friend using MS Paint. You envision a big, bright red balloon, the words "Happy Birthday!" written in a fun blue font, and a scattering of colorful confetti all around. Which tool would you use to write "Happy Birthday!" on your card? How would you change the color of the text to blue?

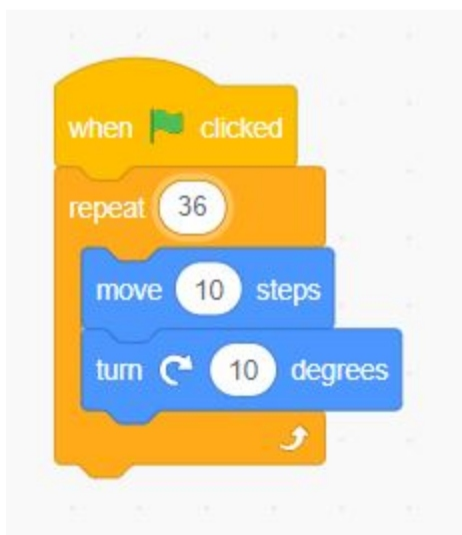
44. when green flag clicked set [score v] to (0) change [score v] by (10) change [score v] by (-5) say (score) **Question:** What value will the sprite say?

45. You're imagining your dream house and want to draw a simple picture of it in MS Paint. Your house will have a rectangular body, a triangular roof, and square windows. How would you draw a perfect triangular roof on top of your rectangular house? Name the tool and describe the steps.

46. Where can you find the blocks to make your sprite move?

47. What is a variable, and how can it be used in Scratch projects?

48. What is the Output of this code?



49. You are learning about road safety and want to draw a simple traffic light with its three colored lights. How would you draw the three perfect circular lights (red, yellow, green) inside the casing? Describe the steps for one light and how you would repeat for the others.

50. when green flag clicked go to [random position v] **Question:** Where will the sprite go?

51. Write the purpose of the following tools in Ms-Paint

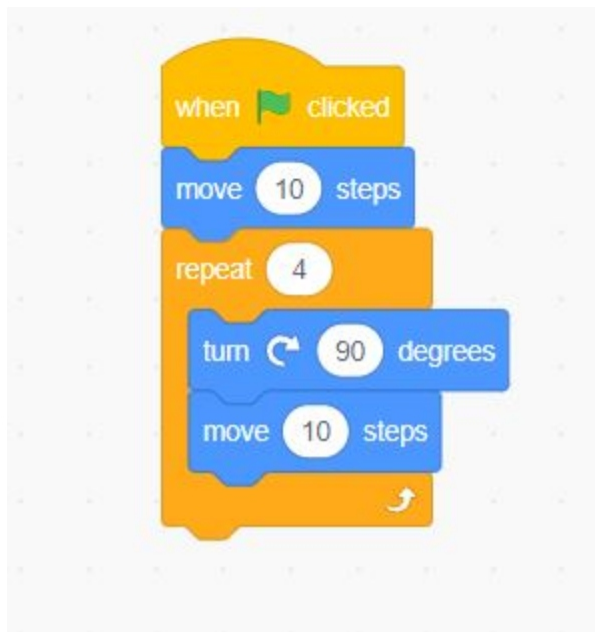
★ (a) Airbrush too

l:

★ (c) Fill-with-colour too

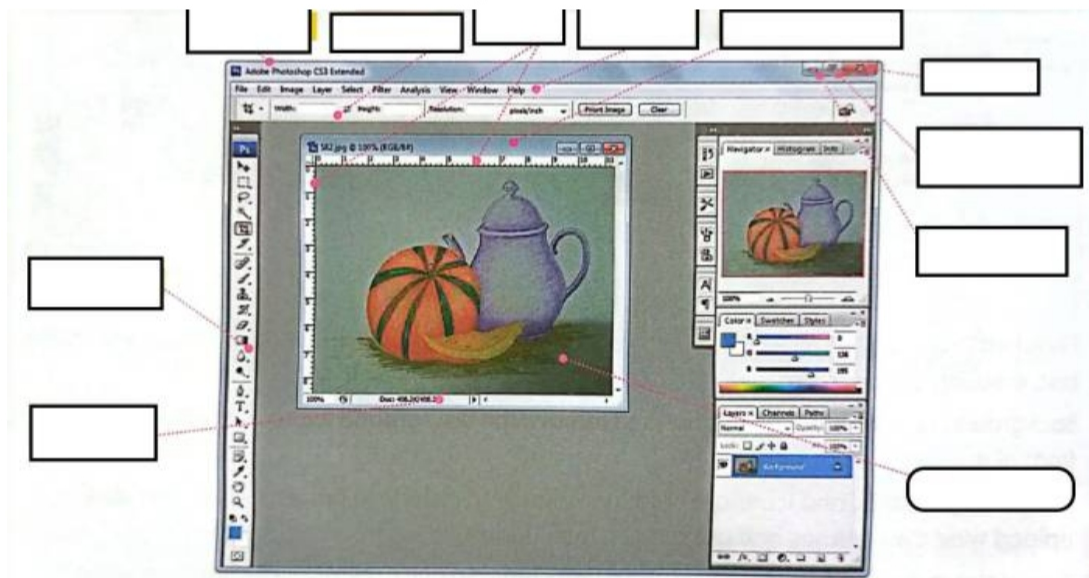
l

52. What is the Output of the code?

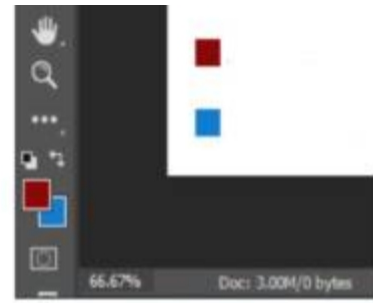


53. What is the purpose of the "if...then" block in Scratch?

54. Label the Interface of Photoshop CS3



55.



a) Label which one is foreground and background color? [2]

[2]