



2nd
Semester
2024/2025

COMMUNICAT
ION –
CONNECTIONS

Chapter 4

Class
Primary
3

Subject
Discover



Question 1

Choose the correct answer from the following options:

1. **What is force?**

- a) A type of book
- b) A push or pull on an object that causes motion
- c) A measurement of speed
- d) A kind of sound

2. **The farmer is pushing the _____.**

- a) Cart
- b) Wheelbarrow
- c) Toy car
- d) Ball

3. **The horse is _____ the cart.**

- a) Pushing
- b) Pulling
- c) Lifting
- d) Dropping

4. **Which of these is an example of pulling?**

- a) Kicking a football
- b) Dragging a heavy bag
- c) Throwing a ball
- d) Sitting on a chair

5. **What is a magnetic field?**

- a) A type of energy
- b) The area around a magnet where its force acts
- c) A piece of iron
- d) A type of light

6. **Which of these materials is NOT magnetic?**

- a) Iron
- b) Nickel
- c) Cobalt
- d) Wood

7. **If two magnets have their North poles facing each other, they will:**

- a) Attract
- b) Repel
- c) Do nothing
- d) Stick together

8. **Different poles of a magnet will _____.**

- a) Repel
- b) Attract

9. **Which of these objects will attract to a magnet?**

- a) Pencil
- b) Iron nail
- c) Ball
- d) Paper





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10. **What is a community?**

- a) A group of toys living together
- b) A group of people that live or work together
- c) A place where people go to work
- d) A group of people that only communicate online

11. **What is technology designed to do?**

- a) Make games
- b) Solve a problem
- c) Help people relax
- d) Keep people distracted

12. **How can we communicate with others using technology?**

- a) Through written letters only
- b) By using a book
- c) By using phones, video calls, emails, and texting messages
- d) By speaking only in person

13. **Which of the following statements is true about communication in our community?**

- a) We connect with only family and friends
- b) We can communicate with our parents by speaking and listening
- c) Reading and writing are not ways of communication
- d) Technology is not used for communication

14. **How have communication tools developed over time?**

- a) By being introduced all at once
- b) By only improving mobile technology
- c) Quill, then pen, then typewriter, then mobile
- d) Only mobile phones have been developed





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15. What is one example of transportation development over time?

- a) Car to airplane
- b) Cart to bicycle to gasoline car to electric car
- c) Horse to airplane
- d) Walking to running

16. Which of these is a way to connect with our community?

- a) Ignoring others
- b) Reading and writing
- c) Staying silent
- d) Using only sign language

17. Which of these is NOT a way to communicate using technology?

- a) Phone calls
- b) Video calls
- c) Shouting loudly
- d) Texting messages

18. What is an advantage of non-tech communication (e.g., talking in person)?

- a) It is slower
- b) It builds stronger relationships
- c) It requires electricity
- d) It can only be done over long distances

19. What is an advantage of bicycles?

- a) They are fast like cars
- b) They keep the environment clean
- c) They can carry many passengers
- d) They work without pedaling

20. How does a Maglev train move?

- a) Using wheels on tracks
- b) Floating on powerful magnets
- c) Powered by gasoline
- d) Pushed by people

21. What is an advantage of Maglev trains?

- a) They are slow
- b) They cause air pollution
- c) They are very fast and smooth
- d) They are cheap to build

22. What is a disadvantage of Maglev trains?

- a) They are noisy
- b) They are expensive to build
- c) They cannot carry passengers
- d) They use gasoline





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23. A hyperloop train transports people and goods through _____.
a) Air b) **Tubes** c) Roads d) Open spaces
24. A hyperloop train does not need much _____ to run.
a) Power b) **Energy** c) Friction d) Speed
25. Which of the following is an advantage of the Hyperloop?
a) It is very slow b) It requires a lot of energy to run
c) **It moves very fast** d) It is easy to build and operate
26. What is a disadvantage of the Hyperloop?
a) It **is too difficult to build and operate** b) It is very slow
c) It requires a lot of energy d) It is cheap to build
27. What does the "central processing unit (CPU)" in a computer do?
a) It stores short-term data
b) It connects all parts of the computer
c) **It is the brain of the computer and processes data**
d) It stores long-term data
28. The motherboard of a computer _____.
a) Stores short-term data b) **Connects all the parts of a computer**
c) Runs computer programs d) Processes data
29. The keyboard is a _____ device used to enter data into the computer.
a) Output b) **Input** c) Processing d) Storage
30. The monitor is an _____ device that allows the user to see the results.
a) Input b) Storage c) Processing d) **Output**
31. Which device is used to enter data into the computer?
a) Monitor b) **Keyboard** c) CPU d) Hard drive





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32. Which component stores short-term data for the CPU?
a) Hard drive **b) RAM** c) Monitor d) Keyboard
33. Where are computer programs stored long-term?
a) RAM b) CPU **c) Hard drive** d) Monitor
34. What is media?
a) A tool to help people sleep
b) A way to communicate with others on a large scale
c) A kind of entertainment d) A type of food
35. What does a newspaper typically contain?
a) Sports news only
b) Articles on news, advertisements, and sports news
c) Only advertisements d) Only local news
36. Which of the following is typically found in a newspaper?
a) A video of the weather
b) Sports news such as football, tennis, and volleyball
c) A movie review d) Recipes only
37. What is the purpose of a public service message in the media?
a) To entertain the public b) To provide news updates
c) To deliver important messages for the public's benefit
d) To show cartoons only
38. Which of these is NOT a form of media?
a) Newspaper b) Television **c) Bicycle** d) Radio
39. What type of news can you find in a newspaper?
a) Sports news (football, tennis, etc.) b) Weather forecasts
c) Advertisements **d) All of the above**





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40. Where can you find public service messages?

- a) Only in schools b) **In newspapers, TV, and radio**
c) Only in cartoons d) None of the above

41. What is one disadvantage of excessive use of technology for communication?

- a) Improving social skills b) Saving time
c) **Wasting a lot of time** d) Increasing productivity

42. How can video game usage be controlled?

- a) Playing all day b) **Setting a specific playtime**
c) Ignoring school assignment d) Not communicating with friends

43. What is one way of communicating using technology?

- a) Writing on paper b) Shouting in the street
c) **Sending an email** d) Smoke signals

44. What is one of the main factors engineers must consider when designing a transportation network?

- a) The color of the traffic lights
b) **The location and areas the network will connect**
c) The type of music played at stations
d) The shape of passenger seats

45. What types of transportation can the network use?

- a) Only land b) Only sea c) Only air d) **All of the above**

46. What important factor should be studied when designing a bridge within a transportation network?

- a) The color of the bridge
b) **Expected traffic flow and the strength of the bridge**
c) The number of trees around the bridge
d) The name of the bridge





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47. A toy is falling from a boy's hand. So, the toy will _____.

- a) Move upward b) **Move downward**
c) Move to the left d) Stay in the air

48. A bouncing ball is hitting the ground. So, the bouncing ball will _____.

- a) Stop moving b) Move to the left
c) **Move upward** d) Disappear

49. A green marble is moving in a straight line when it is hit by a yellow marble from the right. So, the green marble will _____.

- a) Stop moving b) Move to the right
c) **Move to the left** d) Stay in place

Question 2 True / False

1. The south pole of a magnet is labeled "S" and usually colored red.

False (South pole is "S" but usually colored **blue**)

2. The magnet has three poles.

False (Magnets have **two poles**: North and South)

3. A magnet is made of iron, cobalt, or nickel.

True (These are magnetic materials)

4. We only connect with family and friends in a community.

False (We also connect with neighbors, teachers, and others.)

5. Listening and speaking are ways to communicate in a community. (

True)

6. Reading and writing are NOT ways to communicate with a community.

False (They are important communication methods.)





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7. Electric cars are worse for the environment than gasoline cars.
(False)
8. Bicycles are a pollution-free transportation method. **(True)**
9. Maglev trains use wheels to move. **(False – they float on magnets)**
10. The CPU is also known as the brain of the computer. **(True)**
11. The keyboard is an output device. **(False – it's an input device)**
12. RAM stores data permanently. **(False – it's temporary storage)**
13. The motherboard connects all computer parts. **(True)**
14. Media helps people share information quickly. **(True)**
15. Newspapers are only printed on weekends.
False (They can be daily or weekly.)
16. Public service messages are only for entertainment.
False

Question 3

Fill-in-the-Blank

1. It is a tool that helps people communicate over long distances.
(Answer: Mobile phone)
2. Before email, people used to write letters using _____.
(Answer: Pen/Quill)
3. The _____ train floats above the tracks using magnets.
(Answer: Maglev train)
4. Electric cars help reduce _____. **(Answer: Air pollution)**
5. Bicycles are slower than _____ but better for the environment.
(Answer: Cars)
6. When designing a transportation network, engineers must study the _____ that the network will serve. **(Answer: Locations/Sites)**





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7. One important factor in bridge design is knowing the _____ expected over the bridge. (Answer: Traffic flow)
8. One way to control video game usage is to _____ the daily playtime. (Answer: Set a specific time/limit)
9. One advantage of face-to-face communication is that it helps build stronger _____ between people. (Answer: Relationships)
10. One advantage of using bicycles is that they are an environmentally friendly means of _____. (Answer: Transportation)
11. The central processing unit (CPU) is called the _____ of the computer. (Answer: Brain)
12. The random access memory (RAM) temporarily stores data in a _____ manner. (Answer: Temporary)
13. The hard drive stores data and programs in a _____ manner. (Answer: Permanent)
14. When the north poles of two magnets are brought close to each other, they will _____. (Answer: Repel)
15. Non-magnetic materials include: _____ and _____. (Answer: Wood, Plastic)
16. The area around the magnet where its force acts is called the _____ field. (Answer: Magnetic)
17. Force is a _____ or _____ that acts on objects and changes their motion. (Answer: Push, Pull)
18. When the horse pulls the cart, it exerts a _____ type of force. (Answer: Pulling)
19. An example of pulling force is _____ a heavy bag on the ground. (Answer: Dragging/Pulling)
20. A community is a group of people who live or work _____. (Answer: Together)





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21. Ways of communicating in a community include: _____, _____, and _____. (Answer: Speaking, Writing, Sign language)

22. A newspaper contains news, _____, and _____.
(Answer: Advertisements, Articles)

23. The purpose of public service messages is to provide _____ information to the public. (Answer: Useful/Important)

24. Transportation methods have evolved from the cart to _____ and then to _____. (Answer: Car, Train)

25. Communication methods have evolved from paper letters to _____ and _____. (Answer: Email, Text messages)

Question 3

Match the component with its function:

- **Monitor** → Displays output
- **Keyboard** → Enters data
- **CPU** → Processes instructions
- **Hard Drive** → Stores long-term data
- **RAM** → Temporary storage for fast access

Component	Function
Monitor	Stores long-term data
Keyboard	Processes instructions
CPU	Temporary storage for fast access
Hard Drive	Displays output
RAM	Enters data

