

Answer sheet

Annual Exam - 2082

Ghorahi, Dang

Grade :- 5

F.M. :- 50

Subject :- Science & Technology

Group - "A"

Q.N. 1 Ans

- i. (d) Sense organs
- ii. (c) Measuring cylinder
- iii. (c) As it processes data
- iv. (c) Sun
- v. (b) Fog becomes opaque
- vi. (c) Carbon dioxide
- vii. (c) Carpel
- viii. (d) Dog
- ix. (a) By the object vibrating.
- x. (d) Evaporation

Group - "B"

Q.N. 2 Ans

Charles Babbage is known as father of computer.

Q.N. 3 Ans

Bones of bird are light because they are hollow and filled with air instead of being solid.

Q.N. 4 Ans

Root system is the underground part of the plants.

Q.N. 5 Ans

Any two examples of animals that belongs to amphibians are:-

- * frog
- * toad

Q.N. 6 Ans

The main physical property of solid is

- * They have fixed shape and size.

Q.N. 7 Ans

The phase of the moon is the shape of the moon that we can see from the earth.

Group "C"

Q.N. 8 Ans

Time is the duration between any two events.

The SI unit of time is seconds (s).

Q.N. 9 Ans

Any four sources of information that are useful in our life are:-

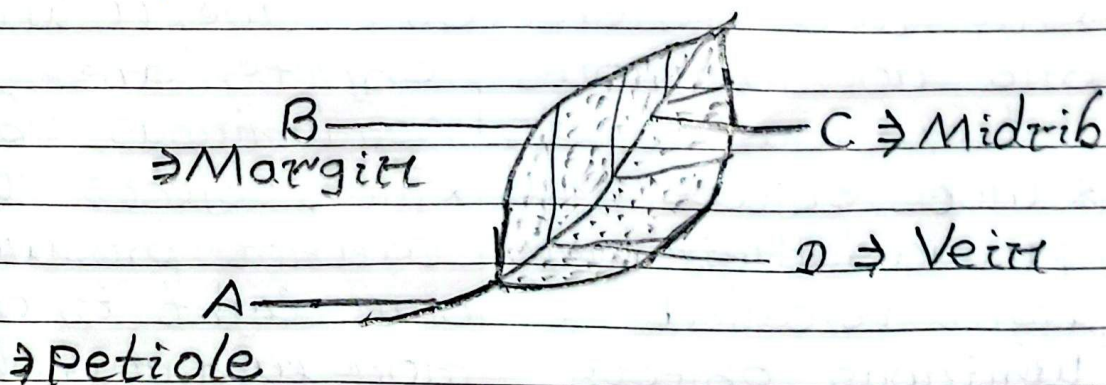
- * Radio
- * Newspaper
- * Television
- * Book

Q.N. 10 Ans

Any two measures of conservation of energy are:-

- * We should use renewable sources of energy.
- * We should turn off fan, AC, heater, bulb etc. while not using.

Q.N. 11 Ans



Q.N. 12 Ans

The activities that living organisms carry out to maintain their existence, grow and reproduce.

For examples:-

- * nutrition
- * reproduction

Q.N. 13 Ans

Any four excretory organs in vertebrates are:-

- * Skin
- * Kidney
- * Lungs
- * Liver

Q.N. 14 Ans

Any two advantages of heat effect on matter in daily life are:-

- * It helps to cooking food.
- * It helps to dry grains and wet clothes.

Q.N. 15 Ans

Any two differences between luminous and non-luminous objects are:-

Luminous objects	Non-luminous objects
* Those objects that produce their own light is called luminous objects.	* Those objects that cannot produce their own light is called non-luminous objects.
* For eg:- Sun, bulb etc.	* For eg:- Moon, Earth etc.

Q.N. 16 Ans

Any four sources of sound are:-

- * Tuning fork
- * Ringing bell
- * Guitar
- * Speaker

Group-D

Q.N. 17 Ans

The paint software is a computer program that we can draw, colour and edit the picture on a computer.

The steps to open MS paint in computer are:-

- * Click on start button
- * Type 'paint' in the search box.
- * Click on 'paint' from the search results.

Q.N. 18 Ans

Any four method to separating mixtures are:-

- * Hand picking
- * Sedimentation & Decantation
- * Filtration
- * Sieving

Filtration :- Filtration is a method used to separate solid particles from liquid using a filter paper or cloth.

Q.N. 19 Ans

(i) Open circuit is the given figure.

(ii) In the given picture, the bulb does not light because the circuit is broken or incomplete. To light the bulb, the circuit should be closed by properly connecting the wires, switch, bulb and battery as shown in the given figure below:-

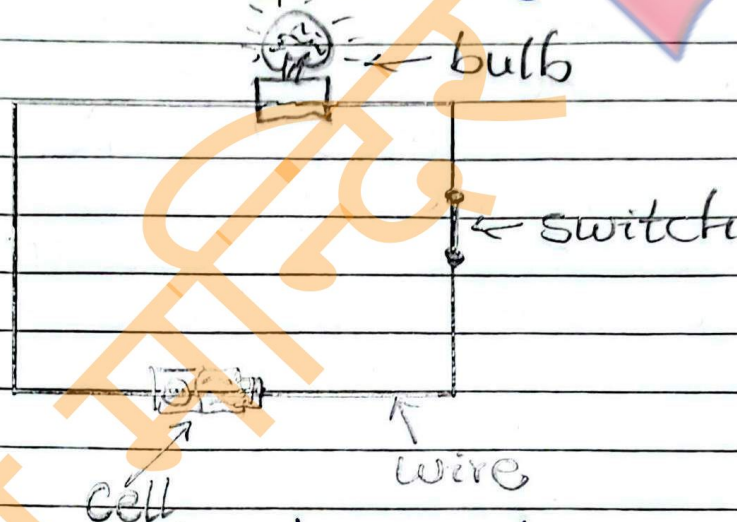


Fig- closed circuit

Q.N. 20 Ans

The revolution of the earth is the movement of the earth around the sun in its orbit. It takes 365 days to complete one revolution.

The effects of revolution of earth are:-

- * It causes the seasons.
- * It causes changes in the length of day and night.
- * It causes apparent movement of the sun in the sky.

वार्षिक परीक्षा २०८२

कक्षा: ५ (Class : 5)

विषय: विज्ञान तथा प्रविधि
(Science and Technology)

पूर्णाङ्क: ५० (F.M.: 50)

समय: २.०० घण्टा
(Time: 2 hrs)

सबै प्रश्नहरू अनिवार्य छन् । (Attempt all the questions.)

समूह "क" (Group "A")

बहुवैकल्पिक प्रश्नहरू । (Multiple choice questions)

[10x1=10]

1. उत्तरपुस्तिकामा सही उत्तर लेख्नुहोस् ।

Write the correct answer in your answersheet.

- i. अवलोकनका लागि आवश्यक पर्ने मुख्य पक्ष कुन हो ?
(Which major aspect is required for observation ?)
क) ज्ञान (knowledge) ग) अनुभव (Experience)
ख) सोधखोज (Inquiry) घ) ज्ञानेन्द्रिय (Sense Organs)
- ii. पानीको आयतन पत्ता लगाउन तलका मध्ये कुन उपकरण प्रयोग गरिन्छ ?
(Which of the following instruments should be used to find the volume of water ?)
क) तराजु (Weighting machine) ग) मेजरिङ्ग सिलिण्डर (Measuring cylinder)
ख) घडी (clock) घ) मेजरिङ्ग टेप (measuring tape)
- iii. कम्प्युटरको CPU लाई मानव मस्तिष्कसँग तुलना गर्नुको मुख्य कारण के हो ?
(What is the main reason for comparing CPU of Computer with human brain ?)
क) निर्णय गर्न सक्ने भएकोले (As it can make the decision)
ख) दुःख व्यक्त गर्न सक्ने भएकोले (As it can express sorrow)
ग) तथ्याङ्कको प्रोसेसिङ्ग गर्ने भएकोले (As it processes data)
घ) खुसी साटासाट गर्न सक्ने भएकोले (As it exchanges happiness)
- iv. तलको मध्ये कुन प्रकाशको स्रोत हो ? (Which one is a source of light ?)
क) माटो (Soil) ग) सूर्य (Sun)
ख) रुख (Tree) घ) पानी (Water)
- v. बाक्लो कुहियो लागेका बेला सडकमा गाडी चलाउन गाह्रो हुनुमा तलका मध्ये कुन कारण हो ? (Which of the following reasons makes it difficult to drive on the road during thick fog ?)
क) कुहियो सेतो भएर (Fog becomes White)
ख) कुहियो अपारदर्शी भएर (Fog becomes opaque)

- ग) कुहियो चम्किलो भएर (Fog becomes bright)
घ) कुहियो पारदर्शी भएर (Fog becomes transparent)
- vi. विरुवालाई खाना बनाउन कुन ग्यास आवश्यक पर्छ ?
(Which gas is required for preparing food by plant ?)
क) हाइड्रोजन (Hydrogen) ग) कार्बनडाइ अक्साइड (Carbon dioxide)
ख) अक्सिजन (Oxygen) घ) नाइट्रोजन (Nitrogen)
- vii. तलको मध्ये फूलको पोथी प्रजनन अंग कुन हो ?
(Which of the following is female reproductive organ of flower ?)
क) पेटल (Petal) ग) कार्पेल (Carpel)
ख) सेपल (Sepal) घ) स्टामेन (Stamen)
- viii. दाँत हुने जनावर कुन हो ? (Which animal has teeth ?)
क) चिप्लेकिरा (Snail) ग) मौरी (Bee)
ख) गड्यौला (Earthworm) घ) कुकुर (Dog)
- ix. ध्वनी उत्पत्ति कसरी हुन्छ ? (How is Sound produced ?)
क) वस्तुमा कम्पन भएर (By the object vibrating)
ख) वस्तुलाई समातेर (By holding the object)
ग) वस्तु चलेर (By the object moving)
घ) वस्तु स्थिर भएर (By the object stable)
- x. कुन प्रक्रियाको कारण भिजेको कपडा सुख्खा हुन्छ ?
(Which process causes a wet cloth to become dry ?)
क) उर्ध्वपातन (Sublimation) ग) द्रवीकरण (Condensation)
ख) संकुचन (Contraction) घ) वाष्पीकरण (Evaporation)

समूह "ख" (Group "B")

अति छोटो उत्तर आउने प्रश्नहरू । (Very short answer questions)

[6x1=6]

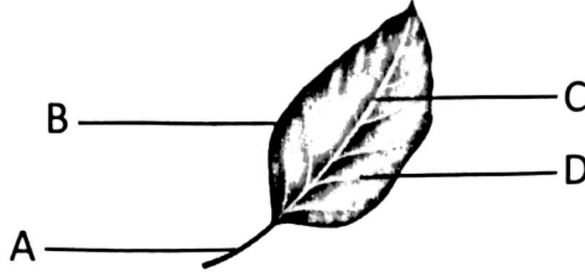
- 2) कम्प्युटरका पिता भनेर कसलाई चिनिन्छ ?
Who is known as father of computer ?
- 3) चराको हाडहरू हलुका हुन्छन्, किन ?
Bones of bird are light, Why ?
- 4) जरा प्रणाली भनेको के हो ?
What is root system ?
- 5) उभयचर समूहमा पर्ने जीवको कुनै २ ओटा उदाहरण लेख्नुहोस् ।
Write any two examples of animals that belongs to amphibians.
- 6) ठोस पदार्थको एउटा मुख्य भौतिक गुण लेख्नुहोस् ।
Write a main physical property of solid.
- 7) चन्द्रमाको कला भनेको के हो ? What is phases of moon ?

समूह "ग" (Group "C")

छोटो उत्तर आउने प्रश्नहरू । (Short answer questions)

[9x2=18]

- 8) समय भनेको के हो ? समयको एस.आइ. एकाई लेख्नुहोस् ।
What is time ? Write the SI unit of time.
- 9) हाम्रो जीवनमा उपयोगी हुने सूचनाका कुनै ४ वटा स्रोतहरू लेख्नुहोस् ।
Write any four sources of information that are useful in our life.
- 10) उर्जा संरक्षणका कुनै दुई उपायहरू लेख्नुहोस् ।
Write any two measures of conservation of energy.
- 11) दिइएको चित्र हेर्नुहोस् र कुनै ४ वटा भागको नाम लेख्नुहोस् ।
Look at the given picture and write the names of any 4 parts.



- 12) जीवन प्रक्रिया भनेको के हो ? यसको २ ओटा उदाहरणसहित लेख्नुहोस् ।
What is life process ? Write it with it's 2 examples.
- 13) ढाड भएका जनावरमा निस्काशन गर्ने अङ्गहरूको कुनै ४ वटा सूची बनाउनुहोस् ।
List any four name of excretory organs in vertebrates.
- 14) दैनिक जीवनमा पदार्थका तापको असरको कुनै दुईओटा फाइदा लेख्नुहोस् ।
Write any two advantage of heat effect on matter in daily life.
- 15) दिप्त र अदिप्त वस्तुबीच २ ओटा फरक लेख्नुहोस् ।
Write any two differences between luminous and non luminous object.
- 16) ध्वनीका ४ ओटा स्रोतहरूको सूची बनाउनुहोस् ।
List any 4 sources of sound.

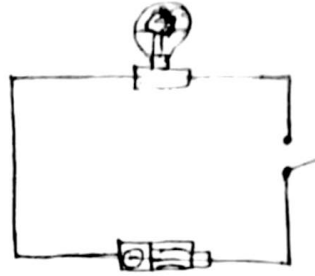
समूह "घ" (Group "D")

लामो उत्तर आउने प्रश्नहरू । (Long answer questions)

[4x4=16]

- 17) पेन्ट सफ्टवेयर भनेको के हो ? कम्प्युटरमा एमएस पेन्ट खोल्ने चरणहरू लेख्नुहोस् ।
What is paint software ? Write steps to open MS paint in computer.
- 18) मिश्रण छुट्ट्याउने ४ तरिकाहरू लेख्नुहोस् र कुनै एउटा तरिकाको बारेमा स्पष्ट पार्नुहोस् ।
Write any 4 methods of separating mixture and clarify about any one method.

- 19) दिएको चित्र अध्ययन गर्नुहोस् र निम्न प्रश्नको उत्तर लेख्नुहोस् ।
Study the given figure and answer the following questions.



- i) दिइएको चित्र कुन विद्युत परिपथ हो ?
Which electrical circuit is the given picture ?
- ii) दिएको परिपथमा बल्ब बाल्न के गर्नुपर्छ ? चित्र सहित लेख्नुहोस् ।
What should be done to light the bulb in given circuit ? Write with a diagram.
- 20) पृथ्वीको परिभ्रमण भनेको के हो ? पृथ्वीको परिभ्रमणको ३ ओटा असरहरू लेख्नुहोस् ।
What is revolution of earth ? Write 3 effects of revolution of earth.

THE END