

St. Francis Xavier School
Session: 2022-2023
English Practice paper
Class: VIII

Full marks: 40

Time: 1 hour

Answer to this practice paper must be written in the test copy

Question 1

Select any **one** of the following:

[10]

- a) Write a letter to your friend, who is disappointed at not being able to make it to the final round of a singing competition on Television.
- b) Break time at your school is only for a duration of fifteen minutes. Write a letter to the Principal of your school requesting an extension in the break time from fifteen minutes to half an hour. Give reasons for your request and explain in what way an extended break would help the students.

Question 3

- a) Your school is conducting an inter-class talent search. Write out a notice to be put up in your school informing the students about the event and inviting them to participate.
- b) Write an email to the Principal of a neighbouring school requesting him or her to send a team of teachers to judge the event.

[5+5]

Question 4

Read the following passage carefully and answer the questions that follow:

It was a dull autumn day and Jill Pole was crying behind the gym. She was crying because they had been **bullying** her. This is not going to be her school story, so I shall say as little as possible about Jill's school, which is not a pleasant subject. It was a Co-educational, a school for both boys and girls, what used to be called 'mixed' school; some said it was it was not really so mixed as the minds of the people who ran it. These people had the idea that boys and girls should be allowed to do what they liked. And unfortunately what ten or fifteen of the biggest boys and girls liked best was bullying the others. All sorts of things, horrid things, went on which at an ordinary school would have been found out and stopped in half a term, but at this school they weren't. Or even if they were, the people who did them were not **expelled** or punished. The Head said they were interesting psychological cases and sent for them and talked to them for hours. And if you knew the right sort of things to say to the Head, the main result was that you became rather a favourite than otherwise.

That was why Jill Pole was crying on that dull autumn day on the damp little path which runs between the back of the gym and the shrubbery. And she hadn't really finished her cry when a boy came round the corner of the gym whistling, with his hands in his pockets. He nearly ran into her.

“Can’t you look where you’re going?” said Jill Pole.

“All right,” said the boy, “you needn’t start—“and then he noticed her face, “I say, Jill,” he said, “What’s up?”

Jill only made faces; the sort you make when you’re trying to say something but find that if you speak you’ll start crying again.

“It’s **Them**, I suppose—as usual,” said the boy grimly, digging his hands further into his pockets.

Jill nodded. There was no need for her to say anything, even if she could have said it. They both knew.

“Now, look here,” said the boy, “it’s no use..”

He meant well, but he did talk rather like someone beginning a lecture. Jill suddenly flew into a temper (which is quite a likely thing to happen if you have been interrupted in a cry).

“Oh, go away and mind your own business,” she said. “Nobody asked you to come **barging in**, did they? And you’re a nice person to start telling us what we all ought to do, aren’t you? I suppose you mean we ought to spend all our time sucking up to them, and currying favour, and dancing attendance on them like you do.”

“Oh, Lord!” said the boy, sitting down on the grassy bank at the edge of the shrubbery and very quickly getting up again because the grass was soaking wet. His name unfortunately was Eustace Scrubb, but he wasn’t a bad sort.

“Jill!” he said. “Is that fair?”

“I d-don’t know and I don’t care,” sobbed Jill.

Eustace saw that she wasn’t quite herself yet and very sensibly offered her a peppermint. He had one too. Presently Jill began to see things in a clearer light.

“I am sorry, Eustace,” she said presently.

a) Three words from the passage are given below. Give the meaning of each word as used in the passage. One word answers or short phrases will be accepted. [3]

- i) bullying
- ii) expelled
- iii) barging in

b) Answer the following questions briefly in your own words:

- i) Why was Jill crying? [1]
- ii) Why do you think he was crying behind the gym? [2]
- iii) Who is the ‘them’ referred to in the passage? [2]
- iv) Why did Jill fly into a temper? [1]
- v) What did the Head of the school say when he was reported about bullying? [2]
- vi) When did Jill begin to see things differently? [1]

c) What kind of school did the children go to? Write your answer in not more than 60 words. [8]

St. Francis Xavier School
Session: 2022-2023
Physics Practice paper
Class: VIII

Full marks: 40

Time: 1 hour

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Question 1

(A) Choose the correct answer for each of the following: [5 x 1 = 5]:

(a) Conversion of a gas into its solid state without undergoing its liquid state is called:

(i) Condensation, (ii) sublimation (iii) deposition (iv) evaporation

(b) The SI unit of density is

(i) kg/m^3 (ii) g/cm^3 . (iii) kg/cm^3 . (iv) g/m^3

(c) The device used to measure pressure in liquid is known as:

(i) Barometer (ii) Manometer (iii) Ammeter (iv) Voltmeter

(d) Frequency is measured in

(i) s (ii) m/s (iii) m/s^2 (iv) hertz

(e) The SI unit of electric power is

(i) joule. (ii) newton (iii) watt (iv) volt

(B) Name the following:

[5 x 1 = 5]:

(a) The safety device that protect electric circuits from excess current.

(b) The process which has cooling effect.

(c) A point about which an object can turn.

(d) The energy of a body which is possessed by the virtue of its motion.

(e) The mirror which is used as reflector in headlights of vehicles.

Question 2

(a) Write any three differences between your evaporation and boiling. [3]

(b) Explain why it is easier to swim in sea than in river? [2]

(c) A cube of sides 10 cm immersed in water. What is the difference in pressure [3]
at the bottom and top faces of the cube? Given the depth of the top face from the water surface
is 15 cm, density of water is 1000 kg/m^3 and $g = 9.8 \text{ m/s}^2$.

(d) Write any two differences between energy and power. [2]

St. Francis Xavier School
Session: 2022-2023
English Practice paper
Class: VIII

Full marks: 40

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Question 1

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[10]

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[5+5]

Question 4

Read the following passage carefully and answer the questions that follow:

It was a dull autumn day and Jill Pole was crying behind the gym. She was crying because they had been **bullying** her. This is not going to be her school story, so I shall say as little as possible about Jill's school, which is not a pleasant subject. It was a Co-educational, a school for both boys and girls, what used to be called 'mixed' school; some said it was it was not really so mixed as the minds of the people who ran it. These people had the idea that boys and girls should be allowed to do what they liked. And unfortunately what ten or fifteen of the biggest boys and girls liked best was bullying the others. All sorts of things, horrid things, went on which at an ordinary school would have been found out and stopped in half a term, but at this school they weren't. Or even if they were, the people who did them were not **expelled** or punished. The Head said they were interesting psychological cases and sent for them and talked to them for hours. And if you knew the right sort of things to say to the Head, the main result was that you became rather a favourite than otherwise.

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c) What kind of school did the children go to? Write your answer in not more than 60 words. [8]

St. Francis Xavier School
Session: 2022-2023
Physics Practice paper
Class: VIII

Full marks: 40

Time: 1 hour

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Question 1

(A) Choose the correct answer for each of the following: [5 x 1 = 5]:

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is 15 cm, density of water is 1000 kg/m^3 and $g = 9.8 \text{ m/s}^2$.

(d) Write any two differences between energy and power. [2]

Question 4

(a) Draw a ray diagram to represent the image formed by a concave mirror when the object is kept at infinity. State one characteristics or nature of the image formed. [3]

(b) Mass of a stone is 20 kg. It rolls down with the velocity of 15 m/s from the top of the mountain. Find the kinetic energy of the stone. [2]

(c) State any three ways to conserve energy. [3]

(d) Define the following: [2]

(i) Real image, (ii) Focal length of a curved mirror.

Question 5

(a) Write any three differences between music and noise. [3]

(b) State the conservation of charges. [2]

(c) Write any three measures that should be taken while handling electricity. [3]

(d) State any two measures that must be taken to reduce noise pollution. [2]

St. Francis Xavier School
Session: 2022-2023
Biology Practice paper
Class: VIII

Full marks: 40

Time: 1 hour

Answer to this practice paper must be written in the test copy

Question 1

Name the following-

[5]

- a) The process involved in the absorption of minerals by the plant.
- b) The structural and functional unit of the nervous system.
- c) The place where most transpiration occurs.
- d) The artificial method of propagation in which a small branch of a plant is joined to the stem of another plant.
- e) The disease caused due to lack of iodine in our diet.

Question 2

Identify the stimulus and response in each of the following-

[4]

- a) Applying brakes of the vehicle on seeing someone in front.
- b) Watering of the mouth after thinking of the food we like.

Question 3

With reference to the circulatory system, answer the following-

[2x5=10]

- a) Name the membrane that covers the heart and state its function.
- b) Why are the walls of the left ventricle thicker?
- c) What are valves? What role do they play?
- d) Name the two type of circulation that takes place in the heart.
- e) Name any two abnormal conditions of the heart.

Question 4

Distinguish between the following-

[3x2=6]

- a) Food crop and cash crop.
- b) Osmosis and diffusion.
- c) Artery and vein.

Question 5

Give biological reasons for the following-

[2x5=10]

- a) Dry grapes swell in water.
- b) Embryo is surrounded by a fluid.
- c) All life begins with a producer.
- d) Pituitary gland is called the master gland.
- e) Reflex actions are quick and automatic..

Question 6

Answer the following in brief -

[5]

- a) What is vaccination?
 - b) Name three common vaccines and the disease they protect us from?
-

St. Francis Xavier School
Session: 2022-2023
Mathematics Practice paper
Class: VIII

Full marks: 40

Time: 1 hour

Answer to this practice paper must be written in the test copy

SECTION- A

Fill in the blanks:-

- 1) Additive inverse of $\frac{-2}{-5} =$ _____ [8]
2) Multiplicative inverse of $\frac{-3}{7} =$ _____
3) Product of rational number $\frac{-2}{5}$ and its additive inverse is _____
4) Sum of rational number $\frac{4}{7}$ and its reciprocal is _____.

SECTION- B

- 5) Express **49** as the sum of 7 odd numbers. [8]
6) How many numbers lie between squares of the numbers **12** and **13**?
7) Which of the following number is not a perfect cube? **216, 128**
8) Find the smallest number by which **243** must be multiplied to obtain a perfect cube.

SECTION- C

- 9) Simplify: i) $(2^5 \times 2^4) \div 2^{13}$. [8]
ii) Express the result with positive index : $[3x^{-5}]^{-3}$
10) Factorize: $x^2 - y^2 - 8yz - 16z^2$.
11) Factorize: $4x^2 + 12 + 9$.
12) Solve: $\frac{5}{(x+2)} - \frac{3}{(x-2)} = \frac{2}{x}$

SECTION- D

- 13) Insert five rational numbers between $\frac{1}{3}$ and $\frac{2}{3}$. [8]
14) Draw a number line and mark $\frac{3}{4}$, $\frac{7}{4}$, $\frac{-3}{4}$, and $\frac{-7}{4}$.
15) Find $(m+n) \div (m-n)$, if $m = \frac{4}{5}$ and $n = \frac{-3}{10}$.
16) The boys and girls in a college are in the ratio **3 : 2**. If **20%** of the boys and **25%** of the girls wear spectacles, find the percentage of students who do not wear spectacles.

SECTION- E

- 17) i) Let $A = \{ 1, 4, 7, 8 \}$ and $B = \{ 4, 6, 8, 9 \}$ Find : $A-B$ and $B-A$. [8]
ii) What per cent of 2.8 kg is 70 g?
18) Find the area of a rhombus having each side equal to 13 cm and one of its diagonal equal to 24 cm.
19) The total surface area of a cylinder of radius 5 cm is 660 cm². Find the height of the cylinder.
20) The weights (in kg) of 30 students are given below:
48, 55, 30, 43, 41, 36, 48, 37, 34, 38, 46, 42, 38, 52, 37,
34, 40, 42, 50, 37, 35, 46, 42, 45, 43, 37, 39, 45, 48, 46.
Form the grouped frequency table by taking class intervals **30—35, 35—40, 40—45,**
45—50, 50—55.