

# INTERNATIONAL PRIME SCHOOL

## Worksheet; Class: VI

- Subtract: i)  $-6x - 3$  from  $2x - 5$   
ii)  $8p + 9q - 5rs$  from  $-4p - 4q + 15rs$
- Khairul is  $x$  years old. Khairul's uncle is four times as old as Khairul will be in 5 years. Find the present age of Khairul's uncle.
- Factorise each of the following expressions completely.  
i)  $5x + 10x(b + c)$   
ii)  $2x(7 + y) - 14x(y + 2)$
- Express each of the following as a fraction in its simplest form.  
i)  $\frac{3y-1}{4} - \frac{2y-3}{6}$     ii)  $\frac{3x-4}{5} - \frac{3(x-1)}{2}$     iii)  $\frac{x+1}{2} + \frac{x+3}{3} + \frac{5x-1}{6}$
- If  $v^2 = u^2 + 2gs$ , find the value of  $s$  when  $v=25$ ,  $u= 12$  and  $g=10$ .
- $c = \frac{a}{b} - \frac{d-e}{f-d}$ , find the value of  $f$  when  $a = 3, b = 4, c = -6, d = -5$  and  $e = 2$ .
- The sum of 4 consecutive odd numbers is 56. Find the greatest of the 4 numbers.
- When a number is tripled, it gives the same result as when 28 is added to it. Find the number.
- A man is six times as old as his son. Twenty years later, the man will be twice as old as his son. Find the age of the man when his son was born.
- Express each of the following percentage as fraction.  
a) 28%    b) 12.4%    c) 88%    d) 0.5%
- Express each of the following fractions as a percentage.  
a)  $\frac{1}{2}$     b)  $1\frac{1}{8}$     c)  $\frac{9}{10}$     d)  $\frac{12}{25}$
- Express each of the following decimals as a percentage.  
a) 0.78    b) 0.25    c) 0.095    d) 1.35

13. Find the value of each of the following.

a) 50% of \$70      b) 80% of 4.5m

14. There are 20 boys and 18 girls in a class. Find percentage of

i) boys      ii) girls, in the class.

15. There are 120 cars in a multi-storey car park. Given that 30% of them are blue, find the number of cars which are not blue.

16. Is  $x\%$  of 330 or 330% of  $x$  greater in value. Explain your answer.

17. For each of the following, express the first quantity as a percentage of the second quantity.

a) 25seconds, 3.5minutes    b) 1 year, 4 months    c) 1kg, 800g    d) 63 cents, \$2.10

18. There were 30 000 people in Village A and 4000 people attend its New Year party. There were 25 000 people in Village B and 2800 people attend its New Year party. Which village had a higher percentage of people who attended its party.

19. A certain number is such that 8 less than it is equal to 60 minus the number. What is the number?

20. One-third of the number I think of is equal to 40 minus the number. What is the number?

21. Four times a certain number is 60 plus that number. What is the number?

22. The sum of two consecutive odd numbers is 60. Find the numbers.

23. The sum of three consecutive odd numbers is 27. What are the numbers?

24. The sum of the three consecutive even numbers is 48. What are the numbers?

25. I think of a number and add to it four times itself; the result is 125. Find the number.

# INTERNATIONAL PRIME SCHOOL

Class: VI, Sub: ICT

Worksheet: 01

1. Tick (  $\checkmark$  ) the correct option.

(a) Mail merge can be used to create

(i) A catalogue or directory

(ii) A set of envelopes

(iii) A set of mailing labels

(iv) All of these

(b) Which of the following is the main component of mail merge?

(i) The main document

(ii) The data source

(iii) The merged document

(iv) All of these

(c) Once you have created a field in the data source it can be

(i) Added

(ii) Deleted

(iii) Renamed

(iv) All of these

2. Fill in the blanks

(a) The three components of mail merge are \_\_\_\_\_, Data Source and \_\_\_\_\_.

(b) \_\_\_\_\_ document stores name, postal addresses, email addresses etc.

(c) \_\_\_\_\_ dialog box is the place where we have to type the information or records.

(d) A data file created in Microsoft Access has \_\_\_\_\_ extension.

3. Write 'T' for true and 'F' for false.

(a) The data source is the document which has the information common to all documents.

(b) When the main document is merged with the data source, we get another document known as the merged document.

(c) Merged letters cannot be saved for future use.

(d) We can customize the data source by adding or removing fields.

(e) Editing individual letters is not allowed.

4. Answer the following

(a) What do you understand by Main document and Data source?

(b) What are the main steps to do a mail merge?

**Week 1**  
**Geography**  
**Class VI**  
**Ch: 5**

**1. F/B**

- a) Kenya is the most .....country in East Africa.
- b) ..... is a shanty town in Nairobi.
- c) Tropical rainforest is found along Kenya's .....
- d) The northern area around Lake Turkana is .....
- e) Crops can be grown in the ..... parts of Kenya.

**2. Q./A:**

- a) Why do coral reefs need to be protected?
- b) What makes the parks or reserves attractive to tourists?
- c) In what ways have people been encouraged to stay in their villages?

**3. Make a chart of recycled things.**

**Ch: 6**

**1. Broad Questions:**

- a) Are wind farm a good idea. Give your arguments.
- b) How do tropical storm form?
- c) What is weather prediction? Describe.
- d) Why is weather prediction important.
- e) What are the effects of Hurricane on human lives?

**2. Draw a diagram of tropical storm.**

**Week 1**

**History**

**Class VI**

**Ch: 4**

**1. Broad Questions:**

- a) What were the results of crusades?
- b) How did Arab people contribute to the Europeans better life?
- c) How did Marco Polo contribute to make the contact between East and West?
- d) Describe the trade between America, Asia, Europe and Africa in medieval age
- e) Write a short note on Genghis Khan rule over Mongols.
- f) Write a short note on Marco Polo?.

**2. Short Questions:**

- a) What is medieval age?
- b) Who was Saladin?
- c) Who was Kublai Khan?
- d) Who was Marco Polo?
- e) Who were Mongols?

# INTERNATIONAL PRIME SCHOOL

Work sheet for vacation

Class-VI

Subject: Science

1. Answer the following questions (In the loose sheets):

a) What is a compound?

b) Write down the common characteristics of compounds.

c) What is mixture?

d) Write down the common characteristics of mixture.

e) Differentiate between compounds and mixtures.

f) What is magnetic separation system? Name five sectors where this system is used.

g) What is evaporation? Describe how we get salt.

h) Write short note on filtration, distillation and chromatography.

i) What is a solution? Give example.

j) What is a suspension? Give example.

k) What is an acid? Give example.

l) What is an alkali? Give example.

m) Differentiate between acid and alkali.

2. Draw the diagram of an animal cell in a chart paper (pg: 280).

1. Translate the following sentence into Bengali:

(a) The girl in the red dress is very pretty, isn't she?

Ans:

b. He stood motionless for at least a minute.

Ans:

c. The land looked almost as dark as the water.

Ans:

d. If you had planned properly, we wouldn't be in this mess now.

Ans:

(e) I thought perhaps you might like to come along with me.

Ans:

2. Translate into English.

- (a) বাংলাদেশের গ্রামাঞ্চলে মহিলাদের কাজ করার সুযোগ পুর্বেই কম। "মহিলাদের জন্য গ্রামীণ কর্মসংস্থানের প্রযুক্তি" তিরোনাগে আন্তর্জাতিক শ্রম সংস্থা একটি প্রকল্প শুরু করেছে। এই প্রকল্পের উদ্দেশ্য হচ্ছে গ্রামের মহিলাদের বিভিন্ন কাজে প্রশিক্ষণ দেওয়া ও তাদের আর্থনির্ভরতা করে গড়ে তোলা।

(b) Trans-late into Bengali

There was no bus at the busstop: it was six o'clock in the evening and there should be one here, Riaz thought to himself. Maybe it had been delayed because of the heavy rain. So he waited. A bus came but it was overflowing with people. It drove straight past him and left him standing there.

There was no other bus in sight, just some private cars rushing to their respective destinations, panic-stricken, he started to walk to see if there was any other kind of public transport.

3. চিঠি লিখ: (120 শব্দে)

(a) সম্প্রতি তোমার স্কুলে আন্তঃ স্কুল ক্রীড়া প্রতিযোগিতার আয়োজন করা হয়েছিল। এতে তুমি যোগ দিয়ে অনেক আনন্দ পেলে। তোমার সেই আনন্দের আভিভূতা জানিয়ে তোমার বন্ধুকে চিঠি লিখ। চিঠিতে নিচের বিষয়গুলো অবশ্যই উল্লেখ করতে হবে।

- \* কবে, কতদিন ব্যাপী এটা হয়েছিল, কতগুলো স্কুল যোগ দিয়েছিল
- \* কোন খেলায় তুমি জিতেছ, কোন কোন খেলায় তুমি যোগ দিয়েছিলে।
- \* তোমার স্কুল জিতেছিল এমন কতটি প্রতিযোগিতার কথা দাও।

(b) তোমার পরিবার সূর্যাস্তের অনুষ্ঠিত করা জানিয়ে তোমার বন্ধুকে/বান্ধবীকে চিঠি লিখ। (২২০-২০০) শব্দে।

- \* তুমি কোন ডায় পাচ্ছ পরিবার সূর্যাস্তে
- \* পড়াশুনা ঠিকমতো দমাতে পারছ কিনা
- \* পরিবার হলে যাক্ষার প্রস্তুতি গ্রহণ করতেছ কিনা

৪। রচনা লিখ: (২৫০-৩০০) শব্দে

একটি নির্জন দুপুর (রচনার নিচের বিষয়গুলো উল্লেখ কর)

- \* ভূমিকা \* বর্ণনা \* নির্জন দুপুরে কোন কোন দৃশ্য
- \* অবসাদের সময়টুকু দুপুরে কী কর \* দুপুরের দৃশ্য কোন হয় তার বর্ণনা \* উপসংহার