COMPUTER

HANDOUT-01

1. **Convert the following Decimal numbers to their Binary equivalents:**

   a) 15
   b) 13
   c) 24
   d) 532

2. **Convert the following Binary numbers to their Decimal equivalents:**
   a) 10101010
   b) 11101100
   c) 10000001
   d) 10001111

3. **Convert the following octal numbers to their Decimal equivalents:**
   a) 128
   b) 147
   c) 457
   d) 123

4. **Convert the following Hexadecimal numbers to their Decimal equivalents:**
   a) B3AD
   b) 3FF
   c) 36C9
   d) 45E

5. **Binary Addition:**
   a) 101 + 11
   b) 111 + 111
   c) 1010 + 1010
   d) 11101 + 1010
   e) 11111 + 11111

6. **Binary Subtraction:**
   a) 110 - 10
   b) 101 - 11
   c) 1001 - 11
   d) 1101 - 11
   e) 10001 - 100

HINDI

HANDOUT-02

1.कबीर दास जी के किन्हीं पांच दोहों को आकर्षक तरीके से लिखिए और कबीर दास जी का चित्र भी बनाइए 1

2. नीचे जिनके नाम लिखे हुए हैं उनके चित्र नोटबुक में लगाइए और उनके बारे में 5-5 वाक्य लिखिए 1

- श्रीराम
- स्टेच्यू ऑफ़ यूनिटी
- ताजमहल
- गंगा नदी
- भारत भवन

3. अगर कोई बच्चा कामचोर नहीं बनना चाहता है तो उसे किन-किन बातों पर ध्यान देना होगा 1

4. भारत के किस किस विषय पर एक कविता सर्च करके लिखिए 1

5. अपने मध्य प्रदेश की कोई 10 विशेषताएं लिखिए 1

MATHEMATICS

Handout-04

Integers, Fractions

Question 1: Evaluate the following:

(i) $22 - (-87)$

(ii) $198 + (-12)$

(iii) $-16.87 - 30$

(iv) $-19 + 34 - 34$

Question 2: Find the additive inverse of the following:

(i) 23
(ii) 108
(iii) 476
(iv) -39

Question 3: Verify $a + (b + c) = (a + b) + c$ for the following:

(i) A = 2, b = 0, c = -9
(ii) A = 34, b = 90, c = -1

Question 4: Write 'true' or 'false' for the following:

(i) Zero is the smallest integer.
(iii) -10 is smaller than -7.
(iv) 1 is the smallest positive integer.
(v) -1 is the smallest negative integer.
(vi) Sum of two negative integers is a positive integer.

Question 5: Evaluate:

(i) $(-4) \times (-15) \times (-33)$

(ii) $(-1) \times (-1) \times (-1) \times \ldots$ 100 times

(iii) $(-7) \times (-4) \times 5$

Question 6: In a class test containing 20 questions, 5 marks are awarded for each correct answer and 2 marks is deducted for each wrong answer. If Riya get 15 correct answers out of all the questions attempted. What is her total score?

Question 7: An elevator descends at the rate of 4 m/min. If the elevator start descending 25 m above the ground level, how long will it take to cover −450 m? '

Question 8: What number should be added to the sum of 345 and 67 to make it equal to the smallest 3-digit number?

Question 9: During summer, the temperature within a room is 37o C. If an air conditioner cools the room by 5o C/min. What will be the temperature of the room after 5 minutes of switching on the air conditioner?

10. Compare the following fractions by using the symbol > or < or =:

(i) (7/9) and (8/13)

(ii) (11/9) and (5/9)

(iii) (37/41) and (19/30)

(iv)   (17/15) and (119/105)

11. Arrange the following fractions in ascending order:
   (i)   (3/8), (5/6), (6/8), (2/4), (1/3)
   (ii)   (4/6), (3/8), (6/12), (5/16)

12. Write five equivalent fraction of (3/5).

13. Multiply:

(i) (7/11) by (3/5)

(ii) (3/5) by 25

(iii) 3 4/15 by 24

   (iii)   1/8 by 10/11

14. Find:

(i) (7/11) of Rs 330

(ii) (5/9) of 108 meters

(iii) (3/7) of 42 liters

(iv) (1/12) of an hour

(v) (5/6) of an year

(vi) (3/20) of a kg

(vii) (7/20) of a liter

(viii) (5/6) of a day

(ix) (2/7) of a week

15. Shikha plants 5 saplings in a row in her garden. The distance between two adjacent saplings is ¾ m. Find the distance between the first and the last sapling.

16. Find the reciprocal of each of the following fractions and classify them as proper, improper and whole.

(अपठित अवबोधनम्)

प्रश्न =1   अधोलिखित अपठित गद्यांश पठित्वा प्रश्नानाम उत्तराणि संस्कृत भाषायां लिखत ।

सूचीमुखः नाम एकः खगः आसीत । एकदा सः अपश्यन् यत् शीतेन कम्पमानाः वानराः गुञ्जा फलानि एवं अग्निं मत्वा फूत्कुर्वन्ति । सूचीमुखः तान् अवदत् एतानि तु गुञ्जा फलानि एव अग्निः । एतस्मात् शीतरक्षा न भविष्यति । कश्चित् सुरक्षित गुहायां गच्छ । एतत् श्रुत्वा सर्वे वानरः कुपिताः अभवन्। क्रुद्ध एकः वानरः च तस्य प्राणान् अहरत् ।

(1)   एक पदेन उत्तरत।

(क)   खगस्य नाम किम् आसीत ?

(ख)   वानराः किं फुत्कुर्वन्ति ?

(ग)   किम् गुञ्जाफलैः शीत रक्षा भवति ?

(घ)   किम तत्र अग्निः आसीत ?

(2)   एक वाक्येन उत्तरत ?

(क)   सूचीमुखः किम् अपश्यत ?

(ख)   खगस्य वचनं श्रुत्वा वानराः किम्अकुर्वन् ?

(3)   यथा निर्देशम उत्तरत् ?

(क)   कुपितः इति शब्दस्म पर्माय पद लिखत ।

(ख)   एकः इति पदे कः लिंगः अस्ति ?

खण्ड "खं" (रचनात्मक कार्यम)

प्रश्न= 2 विद्यालयस्य वार्षिकोत्सवं वर्णयन पितरं प्रति पत्रमेक मञ्जूषा पद साहाय्येन पूर्ण लिखत् ।

चिन्मयः छात्रावासः

तिथि - 23/7/25

परमपूज्याय जनकाय नमः

अत्र सर्वम् कुशल तत्रास्तु। गते (i)-------------- अस्माकं (ii)---------------वार्षिकोत्सवः (iii)------------- अस्मिन् उत्सवे (iv)--------- प्रमुख तिथिः आसीत् । अस्माकं विद्यालये अनेके सांस्कृतिकाः (v)-------------- अभवन्। केचन् छात्राः अगायन केचन् च अनृत्यत् । प्राचार्यः विद्यालयस्य (VI)----------------- अपठत् । शिक्षा निर्देशकः (vii)----------------- अकरोत अहम अपि (viii)------------------ प्राप्तवती यतः अहम कक्षायाः प्रथम स्थानम (ix)---------------- ।
मातृ चरणयोः मम प्रणामाः ।

------- पुत्री 1

मञ्जूषा -भवदीया, पुरस्कारम्, विद्यालयस्य, प्रतिवेदन, सप्ताह, लब्धवती, शिक्षानिदेशक, पुरस्कारावितरणम्, अभवत्, कार्यक्रमाः

प्रश्न =3 अधोलिखित प्रशनानाम उत्तराणि एकपदेन संस्कृत भाषायां लिखत -

i) पृथिव्यां कति रत्नानि ?

ii) लोके वशीकृतिः काः ?

iii) पृथिवी केन धार्यते ?

iv) कूर्मस्य किं नाम आसीत ?

v) सरस्तीरे के आगच्छन् ?

प्रश्न =4 रेखाङ्कितपदानि अधिकृत्य प्रश्ननिर्माणं कुरुत-

(क) सत्येन वाति वायुः।

(ख) सद्भिः एवं सहासीत।

(ग) वसुन्धरा बहुरत्ना भवति।

(घ) विद्यायाः संग्रहेषु त्यक्तलज्जः सुखी भवेत्।

(ङ) सद्भिः मैत्रीं कुर्वीत।

प्रश्न =5 अधोलिखित धातु रुपाणि निर्देशानुसारं लिखत -

पठ्	पठिष्यामि	पठिष्यावः	पठिष्यामः
चल्	--------------	-------------	-------------
हस्	हसिष्यामि	----------------	------------
लभ्	------------	लभिष्यावः	------------

Activity - चल्, हस्,पठ धातु के रूप लट् एवं लृट लकार में चार्ट पेपर पर लिखना

२ उद्यान का चित्र बनाकर मञ्जूषा की सहायता से संस्कृत में पाँच वाक्यों में चित्र का वर्णन करना

1. Répondez aux questions.

a. Qui est la femme symbole de la France?

b. Quelle chanson est l'hymne national de la France?

c. Quel animal symbolise que la France est un pays agricole?

d. Écrivez la devise de la France.

2. Remplissez les blancs avec un peu de, beaucoup de, assez de et trop de.

a. Je n'aime pas le café, il y a _____ lait.

b. S'il vous plaît, ajoutez_____ sel dans la soupe.

c. Louis est fatigué, il a_____ devoirs.

d. J'ai _____stylos pour tous les enfants.

3. Remplissez les blancs avec les articles partitifs (du, de la, des ou de l').

a. Maman mélange_____ œufs avec____ lait.

b. Au déjeuner, il mange_____ riz avec _____lentilles.

c. Lucie met_____ fromage sur la crêpe.

d. Ma tante prépare_____ soupe et _____viande pour le dîner.

e. Après faire l'exercice, Sarah prend _____jus d'orange.

4. Mettez au négatif.

a. Elle prépare des œufs.

b. Nous achetons du riz.

c. Sophie veut de la tarte aux fruits.

d. À la nuit, Charles mange de la glace.

e. Pauline a de l'argent.

Dear Children,

It's time for the summer vacation, and it is the time where we have fun with our family members. So we have designed some fun projects for your holidays that will help you learning with enjoyment along with your family.

PROJECT: HEALTHY LIFESTYLE

As we discussed the topic Nutrition in Animals in the class and I hope that you have realised how important it is for us to have balanced diet in order to keep our body working and healthy, based on the topic following activities are designed.

ACTIVITY 1: Discuss with your parents and grandparents, the way to lead a healthy life. Based on the discussion design a diet plan for the children of your age group with tips and suggestions to lead a healthy life.

ACTIVITY 2: Work on your self-healing power and write various ways to boost your immune system.

ACTIVITY 3: Fast food is not good for health. Compose a story (150-200 words with pictures and drawings) with this message wherein a girl or boy explains to her/his younger brother, the bad effects of eating fast food.

Hope you enjoy doing these activities with your family.

Instruction

نوٹ:۔

۱) سبھی سوالات کے جواب لکھیے۔

۲) سوالات کے نمبر ان کے سامنے منتخب کیے گئے ہیں۔

۳) جواب لکھتے وقت سوال نمبر ضرور ڈالیں۔

۴) خوش خط کا خیال رکھیں۔

(حصّہ - ۱)

$\times 2 = 10$

سوال-۱) اقتباس پڑھ کر سوالات کے جوابات لکھ

میاں رشید نے ایک دن پتنگ اُڑائی۔ پتنگ کچھ اونچی ہو گئی تو ہوا بولی:

"اوہ بی پتنگ! میرے ساتھ آؤ، میں تمہیں دنیا کی سیر کراؤں۔"

پتنگ بولی: بی تو میرا بھی چاہتا ہے۔ مگر اس ڈور نے مجھے جکڑ رکھا ہے۔"

ہوا بولی: "ڈور نے کی کیا بات ہے۔ میں تمہاری مرد کردں گی۔" وہ بہت تیزی سے چلنے لگی۔ ڈور ٹوٹ گئی۔

(i) درختوں پر کس کا بسیرا ہے؟

(ii) درختوں سے کیا ملتا ہے؟

(iii) پرندے کیوں چہچہاتے ہیں؟

(iv) پرندے کس کی شہد گاتے ہیں؟

(v) مسافر کہاں آرام پاتے ہیں؟

(حصہ - ب)

(5)
سوال - ۳) "میری کتاب" پر مضمون لکھیں۔

(5)
سوال - ۴) اپنے پسندیدہ کھانوں پر پانچ (۵) لائن
لکھیے۔

(5)
سوال - ۵) جسم کے پانچ حصّوں کے نام لکھیں۔

(i) پتنگ کون اُڑا رہا تھا؟

(ii) ہوا نے پتنگ کو کہاں کہاں کی سیر کرانے کی بات کہی ہے؟

(iii) پتنگ کو کس نے پکڑ رکھا تھا؟

(iv) ہوا نے پتنگ سے کیا کہا؟

(v) ہوا کے تیز چلنے پر کیا ہوا؟

سوال -۲   (نظم)

5×1=5

درختوں پر ہے پرندوں کا بسیرا
درختوں سے ملے سایہ گھنیرا
خوشی سے چہچہاتے ہیں پرندے
ہوا کی دھن پہ گاتے ہیں پرندے
مسافر لوٹ کے سے گھروں کے آئیں
تو ٹھنڈی چھاؤں میں آرام پائیں

ENGLISH

Read the following passage carefully. (5 Marks)

I am the mother of three children. My youngest daughter is sick. She has an illness that will never go away, but it can be managed. She needs medicine to manage her illness. This medicine used to cost ten dollars a month. Now it costs thirty dollars a month. Without this medicine, my daughter has trouble breathing. Sometimes her lungs do not work well. She cannot get enough air into her lungs. Then she needs the medicine to help her lungs work again. We have to buy the medicine. We do not have a choice. But it will be hard to find an extra thirty dollars a month. Our family will have to spend less money on other things.

Based on the understanding of reading the above passage, choose the right answer from the options.

Q1) The daughter needs the medicine to (1 Mark)

A. give her more air

B. help her lungs work again

C. breathe for her when she cannot

D. make her illness go away

Q2) The mother says, "We do not have a choice" to explain that (1 Mark)

A. she will definitely buy the medicine

B. someone else is making her buy the medicine

C. her daughter will die without the medicine

D. she does not want to buy the medicine

Q3) Based on information in the passage, it can be understood that in the future, the family will most likely (2 Marks)

A. needs help paying for the medicine

B. find extra money hidden somewhere

C. only buy things on sale

D. have to save money on something else

Q4) What is the main reason the family will have to spend less money on other things? (1 Mark)

A. the daughter has an illness that will never go away

B. the price of the medicine went up

C. the daughter needs the medicine to help her breathe

D. twenty dollars every month is a lot of money

ART AND CRAFT

Art- Complete your drawing book

Craft- Best out of waste craft , yoga day poster A3 size sheet