

# HOLIDAY HOMEWORK

(Teacher Manual) Class-6 to 8



## HOLIDAY HOMEWORK-6

### ENGLISH

#### Worksheet - 1

1. a 2. b 3. b 4. a 5. b 6. a

#### Worksheet - 2

Do yourself

#### Worksheet - 3

Do yourself

#### Worksheet - 4

A. Do yourself

B. 1. Common Noun: Garry  
Proper Noun: Games

2. Common Noun: Mr. Paul  
Proper Noun: Park

3. Common Noun: Mary  
Proper Noun: Story book

4. Common Noun: Las Vegas

#### Worksheet - 5

Do yourself

#### Worksheet - 6

1. daughter 2. witch 3. waiter 4. son 5. actress 6. wife 7. bachelor 8. Princess 9. Queen

#### Worksheet - 7

The, an, the, the, a, The, The, the

#### Worksheet - 8

A. My, me, He, our, them, we, he, our

B. 1. me 2. me 3. I 4. We 5. us

#### Worksheet - 9

Do yourself

#### Worksheet - 10

❖ Wonderful ❖ Infuriated ❖ Gorgeous ❖ Start ❖ Fearless ❖ Befriend ❖ Terrified

#### Worksheet - 11

❖ Straighten ❖ Ugly ❖ Sweet ❖ Dull ❖ Safety, Stale ❖ Occupied

#### Worksheet - 12

Do yourself

## MATHEMATICS

### Worksheet - 1

A. 1. T 2. F 3. F 4. T 5. F 6. F 7. F 8. T

B. 1. division 2. 13. 04. whole 5. 8896. 1

### Worksheet - 2

1. 12. -63. 84. -135. 56. 27. -88. -109.

-1010. -1311. 1312. -1013. -114. -615.

116. 017. 718. -1419. -1320. 0

### Worksheet - 3

1. 312. 123. 94. -145. -166. -57. -158.

89. 810. 011. 612. 413. -2914. 615. 1

16. 1217. 5518. -1019. -1920. -20

### Worksheet - 4

1. -32. 73. -114. 45. 16. -47. -148. 29.

-610. -1111. -112. 013. 614. -1015. -1

16. 417. -218. -619. -520. -4

### Worksheet - 5

1. -82. -293. -44. -125. -36. 107. 118.

69. 310. -2011. 4712. -113. 3814. -30

15. -1916. 3417. 5118. 019. 2520. 19

### Worksheet - 6

$$1. = \frac{(4 \times 11) + (9 \times 5)}{5 \times 11} = \frac{44 + 45}{55} = \frac{89}{55}$$

$$2. = \frac{(5 \times 8) + (3 \times 9)}{5 \times 8} = \frac{40 + 27}{40} = \frac{67}{40}$$

$$3. = \frac{(2 \times 8) + (5 \times 12)}{12 \times 8} = \frac{16 + 60}{96} = \frac{76}{96} = \frac{19}{24}$$

$$4. = \frac{(6 \times 3) + (2 \times 11)}{11 \times 3} = \frac{18 + 22}{33} = \frac{40}{33}$$

$$5. = \frac{(1 \times 10) + (7 \times 4)}{4 \times 10} = \frac{10 + 28}{40} = \frac{38}{40} = \frac{19}{20}$$

6 to 12. Do same as above

### Worksheet - 7

1. 0.71 2. 0.33 3. 0.21 4. 0.87 5. 0.27 6.

0.39 7. 0.33 8. 0.44 9. 0.33 10. 0.36 11.

0.36 12. 0.8

### Worksheet - 8

1.  $\frac{7}{10}$  2.  $\frac{19}{50}$  3.  $\frac{1}{10}$  4.  $\frac{61}{100}$  5.  $\frac{43}{50}$  6.  $\frac{1}{3}$

7.  $\frac{3}{11}$  8.  $\frac{3}{5}$  9.  $\frac{3}{10}$  10.  $\frac{47}{50}$  11.  $\frac{2}{5}$  12.  $\frac{9}{20}$   
 13.  $\frac{1}{2}$  14.  $\frac{49}{100}$  15.  $\frac{49}{50}$

**Worksheet - 9**

1. Non-Prime 2. Non-Prime 3. Non-Prime 4. Prime 5. Prime 6. Non-Prime 7. Non-Prime 8. Prime 9. Prime 10. Non-Prime 11. Non-Prime 12. Non-Prime 13. Non-Prime 14. Prime 15. Non-Prime 16. Prime 17. Prime 18. Non-Prime

**Worksheet - 10**

1. 10 2. 13 2401 4. 1000000000 5. 64 6. 7 7. 1000 8. 100000000 9. 0 10. 117649 11. 531444 12. 3 13. 0 14. 27 15. 1296 16. 1 17. 3125

**Worksheet - 11**

1. = 6 : 6 : 12; = 1 : 1 : 2 2. = 17 : 4 : 30 3. = 9 : 15; = 3 : 5 4. = 4 : 12; = 1 : 3 5. = 2 : 28; = 1 : 14 6. = 12 : 10; = 6 : 5

**Worksheet - 12**

1. 78% 2. 3.39 3. 360% 4. 485% 5. 1.85% 6. 393% 7. 4.66 8. 4.49 9. 138% 10. 477% 11. 1.17 12. 4.57 13. 2.03 14. 66% 15. 1.89

**Worksheet - 14**

1.  $P = 24 + 18 + 17 + 9 + 7 + 9 = 84$   
 $A = (24 \times 18) - (9 \times 7) = 432 - 63 = 369$   
 2.  $P = 24 + 24 + 10 + 10 + 14 + 14 = 96$   
 $A = (24 \times 24) - (14 \times 10)$   
 $= 576 - 140 = 436$   
 3.  $P = 26 + 32 + 16 + 19 + 10 + 13 = 116$   
 $A = (26 \times 32) - (19 \times 10) = 832 - 190 = 642$   
 4.  $P = 16 + 22 + 9 + 11 + 7 + 11 = 76$   
 $A = (16 \times 22) - (7 \times 11) = 352 - 77 = 275$   
 5.  $P = 17 + 15 + 8 + 7 + 9 + 8 = 64$   
 $A = (17 \times 15) - (9 \times 7) = 255 - 63 = 192$   
 6.  $P = 32 + 31 + 12 + 19 + 20 + 12 = 126$   
 $A = (32 \times 31) - (20 \times 19) = 992 - 380 = 612$

**Worksheet - 15**

1.  $C = 2\pi r = \frac{22}{7} \times 21^3 = 132 \text{ cm}$   
 2.  $C = 2 \times \frac{22}{7} \times 28^4 = 44 \times 4 = 176 \text{ cm}$   
 3.  $C = 2 \times \frac{22}{7} \times \frac{1}{7} = 44 \text{ cm}$

4.  $C = 2 \times \frac{22}{7} \times 15 = 94.29 \text{ cm}$  or  $30 \pi$   
 5.  $C = 2\pi \times 11 = 22\pi$  or  $= \frac{22}{7} \times 22$   
 $= 69.14 \text{ cm}$   
 6.  $C = 2 \times \frac{22}{7} \times 49^7 = 308 \text{ cm}$

**SOCIAL SCIENCE**

**History**

**Worksheet - 1**

- A. Do yourself  
 B. 1. Stone 2. Body 3. Mesolithic 4. Chalcolithic

**Worksheet - 2**

- A. 1. 10,000 BC to 8,000 BC 2. Extensive 3. Sickles and reaping 4. Potter's 5. Thatched 6. Holy  
 B. 1. T 2. T 3. T 4. F 5. F

**Worksheet - 3**

Do yourself

**Worksheet - 4**

Do yourself

**Worksheet - 5**

- A. Do yourself  
 B. 1. Ved Vyasa 2. Prakrit 3. Banabhatta 4. Ashoka 5. Aryabhata

**Civics**

**Worksheet - 6**

- A. ❖ Bihu ❖ Onam ❖ Durga Pooja ❖ Assam ❖ Kerala ❖ West Bengal ❖ Ganesh Chaturthi ❖ Maharashtra  
 B. 1. Folk dance of punjab = Bhangra  
 Folk dance of Gujarat = Garba  
 2. An example of unity in diversity is people of different religions and social status living together in peace and harmony.  
 3. Jawaharlal Nehru 4. Dhokla, Rasgulla, Vada Pao

**Worksheet - 7**

- A. 1. Local 2. State 3. Central 4. State 5. Central 6. State  
 B. 1. F 2. T 3. T 4. F 5. F

### Worksheet - 8

- A. 1. Do yourself  
B. 1. c 2. a 3. c 4. a 5. a

### Worksheet - 9

- A. 1. Bigger cities 2. Right to information  
3. Municipal Corporation 4. Deputy Mayor  
5. Councillor  
B. 1. A 2. B 3. B 4. C 5. B

### Worksheet - 10

- A. Do yourself  
B. 1. Trader 2. Big Farmer 3. Bank 4. Fisherman  
5. Landless Farmer  
**Geography**

### Worksheet - 11

- A. 1. Southern Hemisphere 2. standard Meridian  
3. Prime Meridian 4. Southern 5. Poles  
B. 1. T 2. F 3. T 4. F 5. T 6. T 7. F 8. F 9. T  
10. F

### Worksheet - 12

Do Yourself

### Worksheet - 13

Do Yourself

### Worksheet - 14

1. Evaporation 2. Precipitation 3. Condensation  
4. Condensation 5. Precipitation 6. Evaporation

### Worksheet - 1

- ❖ Kwashiorker ❖ Marasmus ❖ Nightblindness  
Beriberi ❖ Scurvy ❖ Ricket

### Worksheet - 2

- A. Natural – ❖ Sheep & Goat  
Synthetic – ❖ Coal, air, water and Petroleum  
Natural – ❖ Jute Plant  
Natural – ❖ Plant  
Natural – ❖ Cotton threads  
Synthetic – ❖ Coal based chemicals with a variety of monomers  
B. Do Yourself

### Worksheet - 3

- A. 1. Current 2. Circuit 3. Switch 4. Cell  
5. Filament, Insulator  
B. 1. F 2. T 3. T 4. T 5. T

### Worksheet - 4

Do yourself

### Worksheet - 5

- ❖ **Renewable:** Wind Power, Hydroelectric Power, Natural Gas, Solar Energy, Tidal Energy, Bio fuels, Biomass  
❖ **Non-Renewable:** Coal, Oil/Petroleum, Hydrogen, Geothermal Power, Nuclear Energy.

### Worksheet - 6

Do yourself

### COMPUTER

### Worksheet - 1

#### A. RAM

1. It is Random Access Memory. 2. It is a volatile memory. 3. It helps the computer to boost up the processing speed. 4. Range of RAM lies between 64 MB to 4 GB or more. 5. It is very costly in price and its shape is long rectangular chip. 6. It stores temporary.

#### ROM

1. It is called Read-Only Memory. 2. It is a non-volatile memory. 3. Data stored in ROM cannot be deleted. 4. They are also called permanent storage memory. 5. ROM is not used to boost the speed of computer. 6. It stores data permanently.

- B. 1. Central Processing Unit 2. Arithmetic Logic Unit  
3. Liquid Crystal Display 4. Very Large Scale Integration  
5. Hypertext Transfer Protocol 6. Modulator and Demodulator  
7. World Wide Web 8. Light Emitting Diode

### Worksheet - 2

- A. 1. Graphical User Interface 2. Operating System  
3. Windows 4. RUN 5. On-Screen Keyboard  
6. Button Configuration  
B. 1. GOOEY 2. WildCard 3. RUN 4. Desktop  
5. Wallpaper

**Worksheet - 3**

- A. 1. ✗ 2. ✓ 3. ✓ 4. ✓  
 B. 1. software 2. system 3. memory 4. sign out  
 C. 1. (e) 2. (d) 3. (b) 4. (a) 5. (c) 6. (g) 7. (h) 8. (f)

**Worksheet - 4**

- A. 1. top 2. Insert Top 3. Alt + S 4. paragraph 5. Ctrl + Enter 6. dictionary  
 B. 1. (b) 2. (d) 3. (a) 4. (d) 5. (c)

**Worksheet - 5**

- A. 1. (c) 2. (a) 3. (c) 4. (b) 5. (b) 6. (a) 7. (b) 8. (c)

**Worksheet - 6**

- A. 1. (b) 2. (d) 3. (e) 4. (a)  
 B. 1. T 2. T 3. F 4. F 5. F  
 C. 1. Ctrl + Y 2. Ctrl + X 3. Count 4. deleted 5. spread

**Worksheet - 7**




- A. 1. (a) 2. (c) 3. (b)  
 B. 1. Blog 2. IP Address 3. E-mail 4. Home page



**Worksheet - 8**

- A. Do it yourself  
 B. 1. BAS 2. Save 3. GW BASIC 4. Status Bar 5. Menu 6. Program Name 7. Exit 8. Print 9. Program 10. Draw

**Worksheet - 9**

A.

Symbol	Name	Function
	Star/End	An oval represents a start or end point
	Arrow	A line is a connector that shows relationships between the representative shapes.
	Inpur/Output	A parallelogram represents input or output

	Process	A rectangle represents a process
	Decisior	A diamond indicates a decision

- B. Do it yourself

**Worksheet - 10**

- A. 1. Adobe Presenter 2. record 3. sync 4. Manage 5. .ppcx  
 B. Do it yourself

**Worksheet - 11**

- A. 1. (b) 2. (d) 3. (c) 4. (b) 5. (a) 6. (a)  
 B. 1. Uniform Resource Locator 2. Internet 3. Internet Protocol 4. Simple Mail Transfer Protocol 5. 25 MB

**Worksheet - 11**

- A. '=' – Equal to, '<>' – Not equal to, '>' – Greater Than, '>=' – Greater Than Equal to, '<' – Less than  
 B. 1. (d) 2. (a) 3. (e) 4. (c) 5. (f) 6. (b)  
 C. 1. T 2. T 3. F 4. T 5. F

**Worksheet - 13**

- A. 1. T 2. T 3. F 4. F 5. T 6. T  
 B. Do it yourself

**Worksheet - 14**

- Do it yourself

**GENERAL KNOWLEDGE**

**Worksheet - 1**

- A. 1. Bihar 2. Gujarat 3. Jammu & Kashmir 4. Karnataka 5. Madhya Pradesh 6. Maharashtra 7. Punjab 8. Uttar Pradesh 9. West bengal 10. Tamil Nadu 11. Andhra Pradesh 12. Chhattisgarh 13. Himachal Pradesh 14. Rajasthan 15. Odhisha 16. Jharkhand

**Worksheet - 2**

1. Wheat 2. Jawar 3. Rice 4. Rice 5. Jute 6. Sugarcane 7. Rubber 8. Sesame

**Worksheet - 3**

1. b 2. b 3. c 4. c 5. c 6. a 7. b 8. c

**Worksheet - 4**

1. a 2. a 3. c 4. a 5. c 6. b 7. b 8. a

### Worksheet - 5

1. b 2. a 3. b 4. c 5. a 6. a 7. c 8. a

### Worksheet - 6

1. Succession 2. Thirteen 3. Shahryar 4. Jahangir 5. Birbal 6. Babur 7. Aurangzeb 8. Khanwa 9. Mumtaz Mahal 10. Humayun 11. 1555 12. 1663

### Worksheet - 7

1. Moon 2. The exosphere 3. Venus 4. Astronomy 5. A meteoroid 6. Cosmology 7. The Sun 8. The Milky Way

### Worksheet - 8

1. c 2. d 3. f 4. b 5. g 6. a 7. e 8. o 9. h 10. m 11. n 12. j 13. i 14. i 15. k

### Worksheet - 9

1. Alexander Fleming 2. Charles Darwin 3. Fredrick Grant Banting 4. C.V. Raman 5. Hidebi Yukawa

### Worksheet - 10

1. a 2. d 3. f 4. b 5. c 6. g 7. e

### Worksheet - 11

1. a 2. b 3. b 4. c 5. c 6. a

### Worksheet - 12

1. b 2. a 3. a 4. b 5. a 6. b 7. b 8. a

### Worksheet - 13

1. Swami Dayanand Saraswati 2. Subhash Chandra Bose 3. Lala Lajpat Rai 4. Vinoba Bhave 5. Maulana Hazrat Mohani 6. Madan Mohan Malviya 7. Bal Gangadhar Tilak 8. Jawaharlal Nehru 9. Dada Bhai Naoroji 10. Bankim Chandra Chatterjee 11. Rani Laxmi Bai 12. Bhagat Singh

### Worksheet - 14

1. a 2. c 3. a 4. b 5. b 6. a 7. b 8. b

### HINDI

### Worksheet - 1

(क) मौखिक, लिखित

(ख) ❖ देवनागरी ❖ रोमन ❖ गुरुमुखी ❖ देवनागरी

❖ फारसी ❖ बांगला ❖ रोमन

### Worksheet - 2

❖ अ अनार, अजगर  
❖ आ आग, आम  
❖ इ गिलास, हिरन  
❖ उ सुराही, चुहिया  
❖ ए तराजू, आलू  
❖ ऋ ऋषि, ऋषभ  
❖ ऌ शेर, सेब  
❖ ॡ पैर, बैल  
❖ ओ डोर, घोड़ा  
❖ औ नौका, लौकी

### Worksheet - 3

स्वयं करें।

### Worksheet - 4

(क) ❖ छात्र ❖ बाला ❖ अनुजा ❖ शिष्या ❖ प्रिया  
❖ सुता

(ख) ❖ हिरनी ❖ दादी ❖ नानी ❖ नाती ❖ देवी ❖ बेटी

(ग) ❖ हथिनी ❖ शेरनी ❖ स्वामिनी ❖ जाटनी ❖ भिक्षुकनी ❖ मोर

(घ) ❖ पडिताइन ❖ ललाइन ❖ बबूइन ❖ चौधराईन ❖ ठकुराइन ❖ शर्माइन

### Worksheet - 5

(क) ❖ गाएँ ❖ सड़के  
❖ भैंसे ❖ किताबें  
❖ बहने ❖ मेजे  
❖ पुस्तके ❖ रातें  
❖ बातें ❖ मालाएँ  
❖ आँखें ❖ बहुएँ  
❖ चादरें ❖ महिलाएँ  
❖ कथाएँ ❖ बालाएँ  
❖ कन्याएँ ❖ माताएँ  
❖ कलाएँ ❖ लताएँ  
❖ सभाएँ ❖ विधायें  
❖ कक्षाएँ ❖ धाराएँ

- ❖ ऋतुएँ  
(ख) ❖ बिटियाँ  
❖ डिबियाँ  
❖ गुड़ियाँ  
❖ चुहिया
- ❖ पादुकाएँ  
❖ चिड़ियाँ  
❖ बुढ़ियाँ  
❖ डलियाँ  
❖ खटियाँ

### Worksheet - 6

स्वयं करें।

### Worksheet - 7

- ❖ सूखा ❖ भूला ❖ पूजा  
❖ रिश्तेदार ❖ ईमानदार ❖ शानदार  
❖ देनेवाला ❖ आनेवाला ❖ पढ़नेवाला  
❖ शारीरिक ❖ नैतिक ❖ पारिवारिक  
❖ भारतीय ❖ दर्शनीय ❖ स्वर्गीय  
❖ बलवान ❖ भाग्यवान ❖ भगवान  
❖ बचपन ❖ पचपन ❖ विज्ञापन  
❖ बढ़िया ❖ घटिया ❖ छलिया  
❖ माता ❖ आता ❖ जाता  
❖ नानी ❖ पानी ❖ ज्ञानी  
❖ शिक्षित ❖ प्रमाणित ❖ द्रवित  
❖ ग्रामीण ❖ कुलीन ❖ कालीन  
❖ परंपरा  
❖ पढ़ाई ❖ लड़ाई ❖ चतुराई  
❖ हँसी ❖ बोली ❖ त्यागी  
❖ रंगीन ❖ नमकीन ❖ शौकीन

### Worksheet - 9

- ❖ आग ❖ रात  
❖ चाँद ❖ सूरज  
❖ पंछी ❖ सोना  
❖ घोड़ा ❖ पत्ता  
❖ मोर ❖ कौआ  
❖ कबूतर ❖ काम

- ❖ उल्लू ❖ कपूत  
❖ दूब ❖ मक्खी  
❖ आँख ❖ नाच  
❖ घर ❖ गांव  
❖ दही ❖ दूध  
❖ केला ❖ खीर  
❖ अमोल ❖ आँख  
❖ घी ❖ किरन  
❖ बंदर ❖ आम  
❖ दीवाली ❖ नींद

### Worksheet - 10

1. नमकीन खाद्य पदार्थ, नीति शास्त्र 2. आग, वायु  
3. आशा, तिरस्कार 4. की तरफ, अधिक 5. जल देने वाला, जो जल में उत्पन्न हो 6. वार, निर्धन व्यक्ति 7. तरफ, अवस्था 8. दरवाजा, के माध्यम से 9. धोखा, द्वार 10. लालची व्यक्ति, कटार 11. भंडार, धन संचित करने का स्थान 12. पैसा, अनाज 13. जो पक गया हो, मजबूत 14. सबूत, नमस्कार 15. काम, अनुक्रम 16. त्वचा, अंतिम

### Worksheet - 11

1. अदृश्य 2. दुर्गम 3. लेखक 4. वक्ता 5. नास्तिक  
6. कृतघ्न 7. अल्पज 8. बेशर्म 9. सुलभ 10. अतुलनीय 11. शाकाहारी 12. निदोष 13. समदर्शी 14. दैनिक 15. वार्षिक 16. अनाथालय 17. तपस्वी 18. सहपाठी 19. अभीनेत्री 20. गोपनीय

### Worksheet - 12

- ❖ चिन्ह संख्या ❖ गोद ❖ आम का फल सामान्य  
❖ समूह सेना ❖ जल चमक  
❖ आकाश अमृत ❖ प्रेम तेल  
❖ बाण किनारा ❖ शेष दूरी  
❖ आभूषण पराजय ❖ जल प्राण

- ❖ किरण मतलब ❖ वर्ण सामान्य  
 ❖ कलम लेखनी केश ❖ जवाब हल  
 ❖ दूल्हा वरदान ❖ मूल मूर्ख  
 ❖ शहद बंसत ❖ प्रहार बारी  
 ❖ शब्द चरण ❖ मेहमान साधु  
 ❖ सूर्य सिन्दुर ❖ सजा दमन  
 ❖ जीविका प्राण ❖ घड़ा देह  
 ❖ नक्षत्र तारक ❖ पत्ता चिट्ठी  
 ❖ दूध पानी

### Worksheet - 13

- ❖ अग्नि ❖ अनल ❖ पावक  
 ❖ तम ❖ तिमिर ❖ अँधेरा  
 ❖ नयन ❖ दृष्टि ❖ लोचन  
 ❖ पंकज ❖ नीरज ❖ सरोज  
 ❖ गृह ❖ सदन ❖ भवन  
 ❖ मंयक ❖ चंद्र ❖ शशि  
 ❖ पानी ❖ नीर ❖ सलिल  
 ❖ गिरी ❖ अचल ❖ नग  
 ❖ दिवस ❖ दिवा ❖ याम  
 ❖ सुमन ❖ बन्धु ❖ साखी  
 ❖ नृप ❖ भूप ❖ नरेश  
 ❖ गंगाधर ❖ कैलाशनाथ ❖ नीलकंठ  
 ❖ सूर्य ❖ रवि ❖ दिनकर  
 ❖ तरनी ❖ सरिता ❖ तटिनी  
 ❖ हवा ❖ पवन ❖ समीर

### Worksheet - 14

(क) स्वयं करें।

(ख) 1. वार्षिक, बुद्धिमान, स्वादिष्ट, भारतीय, शौकिन

## HOLIDAY HOMEWORK-7 ENGLISH

### Worksheet - 1

A. 1. Fleming was a poor farmer. 2.

Fleming saw terrified boy in the mire. 3. The nobleman took Fleming's son with him to give a good education. 4. Pencillin 5. The nobleman's son.

B. 1. d 2. f 3. a 4. c 5. b 6. e

C. Do yourself

### Worksheet - 2

Do yourself

### Worksheet - 3

Do yourself

### Worksheet - 4

Do yourself

### Worksheet - 5

1. Army 2. Bunch 3. Team 4. Band 5. Nest  
6. School 7. Brood 8. Bouquet 9. String

### Worksheet - 6

A. 1. Grandmother 2. Mare 3. Sister-in-law 4. Niece 5. Aunt 6. Bride 7. Bitch 8. Wife 9. Gentlewoman, women 10. Tigeress

### B. Masculine Feminine

Duck	Hen
Bull	Cow
Poet	Poetess
Cock	Duchess
Fox	Vixen

### Worksheet - 7

1. Which 2. Who 3. Which 4. Who 5. Who 6. Which 7. Who 8. That 9. Who 10. That 11. That 12. Who

### Worksheet - 8

1. larger than 2. more expensive 3. worst than 4. Easier than 5. Older than 6. higher than 7. Better 8. More friendly 9. Most important 10. more difficult

### Worksheet - 9

The, the, the, the, the, x, a, the, the, a, the, the, the, a, the, the, an, the, a, an, a, the, a, the, the, an, the, the, the, the, the

### Worksheet - 10

1. off 2. over in 3. in 4. off 5. over 6. over 7. on 8. throughout 9. across 10. from 11. on, of 12. across

### Worksheet - 11

1. He is a good conversationalist 2. Cause

of quarrel 3. Very Seldom indeed 4. Avoids Starvation 5. Apologize humbly 6. Offend the audience appeal to the lower taste.

### MATHEMATICS

#### Worksheet - 1

1. Do it yourself

2. Formula:  $a - (-b) = a + b$

(i)  $21 - (-18) = 21 + 18$

$\Rightarrow 21 + 18 = 21 + 18$

$\Rightarrow 38 = 38$

(ii) to (iv) Do as shown above

3. (i)  $-12 \square - 4$  (ii)  $-15 \square - 2$  (iii)  $-7 \square - 29$

(iv)  $0 \square 20$  (v)  $-101 \square -159$

#### Worksheet - 2

1. (i)  $-84$  (ii)  $-1200$  (iii)  $210$  (iv)  $-144$  2. (i)

$-30000$  (ii)  $-67000$  (iii)  $74000$  (iv)  $-135000$

3. (i)  $12540$  (ii)  $17139$  (iii)  $31720$  (iv)

$467934$  4. (i)  $972(999 + 1) = 972 \times 1000 = 972000$

(ii)  $50(-23 - 17 - 10) = 50 \times -50 = -2500$

(iii)  $2764(998 - 42 + 44) = 2764 \times 1000 = 2764000$

(iv)  $4150 + 415(-90 + 30) = 4150 + 415 \times (-60) = 4150 - 24900 = -20750$

5. (i)  $39 < 198$  (ii)  $-27 < 33$  (iii)  $-21 = -21$  (iv)  $-60 < 42$

#### Worksheet - 3

1. (i)  $-7$  (ii)  $5$  (iii)  $0$  (iv)  $1$  2. (i)  $-27$  (ii)  $-32$

(iii)  $4$  (iv)  $121$  (v)  $-125$  (vi)  $-11$  3. (i)  $-11 + 1 = 10$

(ii)  $0 \div 79 = 0$  (iii)  $-32 \div 8 = -4$  (iv)  $-4 \div -2 = 2$

4. Formula:  $(a \div b) \neq (b \div a)$

(i)  $(-38 \div 4) \neq (4 \div -38)$

$\Rightarrow (-38 \div 4) \neq (4 \div -38) \Rightarrow$  Yes, it not equal

(ii) to (iv): Do as shown above

5. Product of two integers = First Integer  $\times$  Second Integer

$-352 = -16 \times$  second integers

Second integer =  $\frac{-352}{-16} = 22$

6. Let the integer is  $x$

Then,  $x \div 5 = -13$

$x = -13 \times 5 \Rightarrow x = -65$

7. Difference between temperatures

$= -4^\circ\text{C}$  and  $10^\circ\text{C}$  [ $4^\circ\text{C}$  below zero =  $-4^\circ\text{C}$ ]

$= 14^\circ\text{C}$

It is said that temperature of the substance decreases  $2^\circ\text{C}$  per 10 minutes. Then  $= 14^\circ\text{C} \div 2^\circ\text{C} = 7$

So,  $7 \times 10$  minutes = 70 Minutes

Hence, the temperature of substance will be  $4^\circ\text{C}$  below zero by

$= 5$  O'clock + 70 minutes

$= 6$  O'clock and 10 minutes

#### Worksheet - 4

1. (i)  $1\frac{6}{7}$  (ii)  $\frac{3}{7}$  (iii)  $\frac{3}{4}$  (iv)  $\frac{1}{2}$

2. (i)  $\frac{30}{84}, \frac{27}{84}, \frac{36}{84}, \frac{32}{84}$  (ii)  $\frac{12}{32}, \frac{20}{32}, \frac{17}{32}, \frac{18}{32}$

(iii)  $\frac{30}{132}, \frac{72}{132}, \frac{32}{132}, \frac{27}{132}$  (iv)  $\frac{52}{100}, \frac{90}{100}, \frac{60}{100}, \frac{85}{100}$

3. (i)  $15 \times 14$  and  $13 \times 16 = 210 > 208$

(ii)  $7 \times 7$  and  $3 \times 18 = 49 \square 54$  (iii)  $18 \times 37$

and  $15 \times 23 = 666 \square 345$  (iv)  $5 \times 23$  and  $13 \times 16 = 115 \square 208$

4. (i)  $\frac{24}{40} < \frac{25}{40}$  (ii)  $\frac{27}{48} > \frac{26}{48}$  (iii)  $\frac{35}{75} > \frac{24}{75}$

(iv)  $\frac{44}{48} > \frac{45}{48}$  5. (i)  $\frac{3}{4} < \frac{7}{9} < \frac{5}{6} < \frac{11}{12}$

(ii)  $\frac{7}{10} < \frac{11}{15} < \frac{4}{5} < \frac{17}{20}$  (iii)  $\frac{17}{14} > \frac{7}{8} > \frac{3}{4}$

$\frac{7}{12}$  (iv)  $\frac{9}{20} < \frac{8}{25} < \frac{4}{15} < \frac{1}{5}$  (6) (i)  $\frac{17}{14} > \frac{7}{8}$

$> \frac{3}{4} > \frac{7}{12}$  (ii)  $\frac{9}{20} < \frac{8}{25} < \frac{4}{15} < \frac{1}{5}$

#### Worksheet - 5

1. (i)  $\frac{13 + 19 + 4}{25} = \frac{36}{25}$

(ii)  $\frac{28 + 33 + 18}{48} = \frac{79}{48}$

(iii)  $\frac{19}{5} + \frac{23}{10} + \frac{16}{15} = \frac{114 + 69 + 32}{30} = \frac{215}{30}$

(iv)  $\frac{8}{5} + \frac{27}{10} + \frac{49}{48} = \frac{48 + 81 + 98}{30} = \frac{227}{30}$

2. (i)  $\frac{9 - 3}{18} = \frac{6}{18} = \frac{1}{3}$

(ii)  $\frac{33}{10} - \frac{22}{15} = \frac{99 - 44}{30} = \frac{55}{30}$



$$(iii) \frac{53}{10} - \frac{32}{15} = 159 - \frac{64}{30} = \frac{95}{30}$$

$$(iv) \frac{32}{5} - \frac{24}{10} = \frac{64 - 24}{10} = \frac{40}{10}$$

$$3. (I) 18 + 16 - \frac{27}{60} = \frac{7}{60}$$

$$(ii) 18 + 2 - \frac{3}{42} = \frac{17}{42}$$

$$(iii) \frac{56}{3} - \frac{95}{6} + \frac{33}{8} = 448 - 380 + \frac{36}{24} = \frac{104}{24}$$

$$(iv) \frac{251}{11} - \frac{33}{4} - \frac{13}{6} = 3012 - 1089 - \frac{286}{132}$$

$$= \frac{1637}{24}$$

4. Let  $x$  will be add in  $8\frac{1}{7}$  to get 14,

$$x = 14 - \frac{57}{7} \Rightarrow x = \frac{98 - 57}{7} = \frac{41}{7}$$

Hence,  $\frac{41}{7}$  will be added in  $8\frac{1}{7}$  to get 14.

5. Let  $x$  will be subtracted from 10 to get

$$3\frac{3}{4} \text{ i.e. } \frac{15}{4},$$

$$x = 10 - \frac{15}{4} = \frac{40 - 15}{4} = \frac{25}{4}$$

$$6. \text{ Simi covers in 2 hr} = 7\frac{5}{12} \text{ km} = \frac{89}{12}$$

$$\text{And also covers 1 hrs} = 4\frac{3}{8} = \frac{35}{8}$$

$$\text{Total distance in 3 hrs} = \frac{89}{12} + \frac{35}{8}$$

$$= \frac{178 + 105}{24} = \frac{283}{24}$$

$$7. \text{ Apples} = 3\frac{1}{4} \text{ Kg} = \frac{13}{4} \text{ Kg}$$

$$\text{Pears} = 2\frac{2}{5} \text{ Kg} = \frac{12}{5} \text{ Kg}$$

$$\text{Orange} = 5\frac{2}{5} \text{ Kg} = \frac{27}{5} \text{ Kg}$$

$$\text{Total weight of fruits} = \frac{13}{4} + \frac{12}{5} + \frac{27}{5}$$

$$= \frac{65 + 48 + 108}{20} = \frac{221}{20}$$

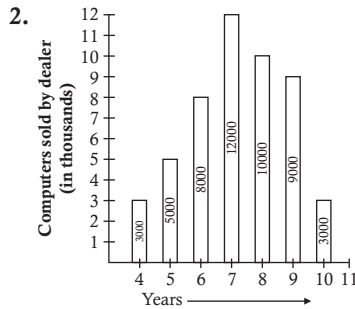
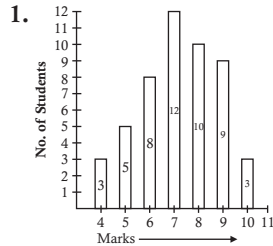
### Worksheet - 6

$$A. (i) \frac{729}{1331} = \frac{9^3}{11^3} \quad (ii) \frac{-27}{2744} = \frac{-3^3}{14^3}$$

B. and C. Do it yourself

D. (i) 32 (ii) 343 (iii) 10000 (iv) 625 (v) 27  
(vi) 144 (vii) 6561 (viii) 8

### Worksheet - 7



3. (i) it shows the expenditure on various stationary items (ii) chalk Pencils (₹60,000)

(iii) The total yearly expenditure on stationary is –

$$(6 + 4 + 5 + 8 + 3) \times ₹20000 = 26 \times ₹20,000 = ₹5,20,000$$

(iv) Writing items

(v) 80 : 60 = 4 : 3

### Worksheet - 8 and 9

Do it yourself

### Worksheet - 10

1. (i)  $6nm^2 - 5m^2n = 1$

(ii)  $-3xyz - 15xyz = -18xyz$

(iii) and (iv): do same as above

2. (i)  $2xy - 2x^2 - 5y^2$

$$\frac{-6xy + 3x^2 - 4y^2}{-4xy + x^2 - 9y^2}$$

(ii) to (iv): same as above

3. (i)  $3x^2 + 8xy - 2y^2$

$$\frac{x^2 - 7xy - 3y^2}{4x^2 + xy + y^2}$$

(ii) to (iv): same as above

$$\begin{array}{r} 4. \text{ Sum} = x^2 + 4xy + 3y^2 \\ -3x^2 - 2xy + y^2 \\ \hline -2x^2 + 2xy + 4y^2 \end{array}$$

$$\begin{array}{r} \text{Subtract} = 8x^2 - 3xy + 6y^2 \\ 2x^2 - 2xy - 4y^2 \\ \hline 10x^2 - 5xy + 2y^2 \end{array}$$

5 to 7: Do it yourself

### Worksheet - 11

1. Let the number is  $x$ . Then,

$$3x + 6 = 33$$

$$3x = 33 - 6$$

$$= 27$$

$$x \frac{27}{3} = 9$$

2. Let the no is  $x$ . Then

$$x - 19 = 11$$

$$x = 11 + 19$$

$$= 20$$

3. Let First no. is  $x$ , Then

$$\text{second no.} = x + 1$$

$$\text{Third no.} = x + 2$$

$$x + x + 1 + x + 2 = 69$$

$$3x + 3 = 69$$

$$3x = 69 - 3$$

$$x = \frac{66}{3} = 22$$

Numbers are  $x$ ,  $x + 1$  and  $x + 2$

$$= 22, 22 + 1 = 23 \text{ and } 22 + 2 = 24$$

4. Let the first no. is  $x$  and another no. is  $x + 5$ .

Then,

$$x + x + 5 = 65$$

$$2x + 5 = 65$$

$$x = \frac{60}{2} = 30$$

First no. is 30

Second no is  $30 + 5 = 35$

5. Let the no. is  $x$ . Then

$$7x + 5 = 19$$

$$7x = 14$$

$$x = 2$$

6. Cost of a Notebook = ₹18

Total of items = ₹72

Cost of 3 pens = ₹72 - ₹18

= ₹54

Cost of a pen =  $\frac{₹54}{3} = ₹18$

Hence, Cost of a pen = ₹18

7. Ramesh age = 56

Son age =  $x$

Fathers age =  $2x + 6$

$$2x + 6 = 56$$

$$2x = 50$$

$$x = 25$$

8. Mohit's mother's age =  $x$

Mohit's age =  $\frac{x}{3}$

Sum of their ages = 48

$$48 = \frac{x}{3} + x$$

$$48 = \frac{4x}{3}$$

$$x = \frac{48 \times 3}{4} = 36$$

Mohit's mother's age = 36

Mohit's age =  $36 \div 3$

$$= 12$$

9. Width =  $x$

length =  $2x$

Perimeter of Rectangle = 2 (width + length)

$$54\text{cm} = 2(x + 2x)$$

$$x = \frac{54\text{ cm}}{6} = 9\text{cm}$$

Length =  $2x = 2 \times 9 = 18\text{ cm}$

### Worksheet - 12

1. (a) Area of Parallelogram

= base  $\times$  height

$$= 7\text{ cm} \times 4\text{ cm}$$

$$= 28\text{cm}^2$$

(b) to (e) do same as above.

2. (a) Area of triangle =  $\frac{1}{2} \times$  base  $\times$  height

$$= \frac{1}{2} \times 4 \times 3 = 6\text{cm}^2$$

(b) to (d): do same as above

3. (a) Height =  $\frac{246 \text{ cm}^2}{20 \text{ cm}} = 12.3 \text{ cm}$   
 (b) Base =  $\frac{154.5 \text{ cm}^2}{15} = 10.3 \text{ cm}$   
 (c) Base =  $\frac{48.72 \text{ cm}^2}{8.4} = 5.8 \text{ cm}$   
 (d) Height =  $\frac{16.38 \text{ cm}^2}{15.6 \text{ cm}} = 1.05 \text{ cm}$

### Worksheet - 13

1.  $\angle 4 = \angle 2$   
 $\angle 4 = \angle 125^\circ$  [∵ Vertically opposite angles are same]  
 So,  $\angle 2 = \angle 125^\circ$   
 Supplementary angles are 180. Then  
 $\angle 3 + \angle 4 = 180^\circ$   
 $\angle 3 + \angle 125^\circ = 180^\circ$   
 $\angle 3 = \angle 180^\circ - 125^\circ$   
 $\angle 3 = 55^\circ$   
 $\angle 1 = \angle 3$  [∵ Vertically opposite angles are same]  
 $\angle 1 = 55^\circ$   
 $\angle 5 = \angle 1 = 55^\circ$  [∵ corresponding angles are same]  
 $\angle 6 = \angle 2 = 125^\circ$   
 $\angle 7 = \angle 3 = 55^\circ$   
 $\angle 8 = \angle 4 = 125^\circ$   
 (2) to (5): do same as above using given properties.

### Worksheet - 14

**Note:** A quadrilateral has four angles of  $360^\circ$ .

1.  $\angle P + \angle Q + \angle R + \angle S = 360^\circ$

$x + 91^\circ + 120^\circ + 89^\circ = 360^\circ$

$x = 360^\circ - 300^\circ$

$= 30^\circ$

Hence,  $\angle P = 30^\circ$

2.  $\angle L + \angle M + \angle N + \angle S = 360^\circ$

$150^\circ + 50^\circ + 70^\circ + x = 360^\circ$

$270^\circ + x = 360^\circ$

$x = 360^\circ - 270^\circ$

$x = 90^\circ$

3. to 6. : Do same as shown above

## SOCIAL SCIENCE

### Worksheet - 1

A. ❖ Lorenzo de Medici ❖ Michel de Montaigne ❖ Galileo Galilei ❖ Raphael ❖

Francesco Petrarca ❖ Leonarda da Vinci  
 B. 1. Europe 2. Nicolaus Copernicus 3. Scientific 4. domes 5. Age of discovery

### Worksheet - 2

A. Do yourself

B. Do yourself

C. 1. True 2. False 3. True 4. False 5. True

### Worksheet - 3

A. Qutb-Al-Din Aibak: Slave Dynasty  
 Genghis Khan : Mongol Dynasty  
 Alauddin Khalji: Khalji Dynasty  
 Razia Sultan: Slave Dynasty  
 Muhammad Bin Tughluq: Tughluq Dynasty  
 Timur: Ti murid Dynasty

B. 1. Delhi Sultanate 2. Iltutmish 3. Ghiyas ud din Balban 4. Khusrau Malik 5. Sayyid Dynasty

### Worksheet - 4

Feroj Shah Tughlaq: Futuhat-i-Feroz Shahi

Babur: Baburnama

Jahangir: Tuzuk-i-Jahangiri

Abul Fazl: Ain-i-Akbari and Akbarnama

Amir Khusrau: Tughlaq Nama

Inayat Khan: Shahjahannama

Abdul Hamid Lahori: Padshahnama

Chand Bardai: Prithviraj Raso

Gulbadan Begum: Humayun Nama

### Worksheet - 5

A. Muhammad Ghori, Maharana Pratap, Muhamad of Ghazni, Prithvi raj Chauhan, Gautam Buddha.

B. 1. F 2. T 3. T 4. F 5. T

## GEOGRAPHY

### Worksheet - 6

Do yourself

### Worksheet - 7

A. Do yourself

B. 1. Run off 2. Earth 3. wavelength 4. Japanese 5. Gravitational 6. ocean currents

### Worksheet - 8

A. Do yourself

B. 1. Unpopulated 2. saturated 3. seismic waves 4. catastrophic 5. drought 6. cyclone

### Worksheet - 9

A. Do yourself

B. 1. T 2. F 3. F 4. T 5. T 6. F

### Worksheet - 10

A. ❖ Bis on ❖ Gopher ❖ Coyote ❖ Antelope ❖ Prairie dog, badger

B. 1. Prairies 2. Grasslands 3. Granaries of the World 4. Velds 5. Northern Hemisphere 6. Dutch

### Worksheet - 11

A. ❖ Abraham Lincoln ❖ Adolf Hitler ❖ Martin Luther King ❖ Mahatma Gandhi

B. 1. T 2. T 3. F 4. F 5. T 6. T

### Worksheet - 12

A. Do yourself

B. 1. Judiciary 2. 5 3. Legislative Assembly 4. State Legislature 5. Dissolved 6. laws

### Worksheet - 13

A. ❖ Rani Lakshmi Bai, Mother Teresa, Sania Mirza

❖ Kalpana chawla, MC Mary Kom, Saina Nehwal

B. 1. immeasurable 2. struggled 3. dowry 4. 1997 5. awarness 6. organizations

### Worksheet - 14

A. Do yourself

B. 1. advertisement 2. brand 3. induce 4. local brand 5. international brand 6. endorsements

## SCIENCE

### Worksheet - 1

A. Do yourself

B. 1. d 2. c 3. b 4. a

### Worksheet - 2 to 5

### Worksheet - 6

1. animals 2. fur 3. eliminated 4. water 5. nectar 6. seeds 7. hooks 8. Pollen 9. nuts 10. fruits 11. deposited 12. spreading

## COMPUTER

### Worksheet - 1

Internal; External; External; Internal; Internal; External; External; External

### Worksheet - 2

A. 1. b 2. a 3. d 4. a 5. c

B. 1. nodes 2. LAN 3. Network Interface Card 4. Transmission channel 5. Bus

### Worksheet - 3

A. 1. a 2. c 3. d 4. a 5. d

B. 1. F 2. F 3. F 4. F 5. T 6. T 7. T

### Worksheet - 4

A. 1. d 2. a 3. d 4. b 5. c

B. 1. F 2. F 3. F 4. F 5. T

### Worksheet - 5

A. 1. a 2. b 3. a 4. d 5. a 6. b 7. c

B. 1. e 2. d 3. b 4. a 5. c

### Worksheet - 6

A. 1. a 2. c 3. b 4. d 5. a

B. 1. T 2. T 3. F 4. T 5. T

### Worksheet - 7

A. 1. a 2. b 3. c 4. a 5. c 6. d

B. 1. T 2. T 3. F 4. T 5. T 6. T 7. T

### Worksheet - 8

A. 1. b 2. d 3. a 4. a 5. c 6. c

B. 1. T 2. F 3. T 4. T 5. T

### Worksheet - 9

A. Do it yourself

B. Do it yourself

### Worksheet - 10

A. 1. c 2. c 3. d 4. d

B. 1. internet 2. website 3. arpanet 4. chat 5. web browser

### Worksheet - 11

A. 1. c 2. a 3. a 4. a 5. a

B. 1. T 2. T 3. T 4. T 5. T 6. F 7. T 8. F

### Worksheet - 12

A. 1. b 2. d 3. a 4. c 5. a

B. 1. F 2. T 3. T 4. T 5. F 6. T 7. T

### Worksheet - 13

A. 1. c 2. c 3. d 4. d

**B. Do it yourself**

**Worksheet - 14**

A. 1. a 2. b 3. c 4. d 5. a

B. 1. Qbasic 2. alphanumeric 3. Variable  
4. String, numeric 5. Select case

**GENERAL KNOWLEDGE**

**Worksheet - 1**

Do yourself

**Worksheet - 2**

❖ Whooping Crane ❖ Giant Kangaroo rat  
❖ Bengal Tiger ❖ Black buck ❖ Indian  
Rhinoceros ❖ Red Wolf ❖ Snow Leopard  
❖ Nilgiri Tahr ❖ Manatee

**Worksheet - 3**

❖ National Sugar Research Institute –  
Kanpur  
❖ Indian Institute of Petroleum –  
Dehradun  
❖ All India Institute of Medical Science –  
New Delhi  
❖ National Dairy Research Institute –  
Karnal (Haryana)  
❖ National Institute of Oceanography –  
Panaji  
❖ National Institute of Chemical Biology  
– Kolkata

**Worksheet - 4**

Do it yourself

**Worksheet - 5**

1. Kerala 2. Tamil Nadu 3. Andhra  
Pradesh 4. Telangana 5. Karnataka 6.  
Punjab

**Worksheet - 6**

Do it yourself

**Worksheet - 7**

1. Maroc Polo 2. Vasco da Gama 3.  
Christopher Columbus 4. Henry Hudson  
5. Abel Tasman

**Worksheet - 8**

❖ India, Japan, Indonesia, Egypt, Merico,  
China, Nepal, Pakistan

**Worksheet - 9**

1. C 2. d 3. b 4. a 5. g 6. e 7. i 8. f 9. j 10. h

**Worksheet - 10**

1. Sears Tower 2. Empire State Building 3.  
Al Hamara Tower 4. Taipei 5. Click Plaza  
6. Burj Khalifa

**Worksheet - 11**

1. Mangal Pandey 2. Bhagat Singh 3.  
Subhas Chandra Bose 4. Mahatma  
Gandhi 5. A.O. Hume 6. Chandra  
Shekhar Azad

**Worksheet - 12**

1. Digital thermometer 2. Borometer 3.  
Vernier Caliper 4. Spring Balance 5.  
Screw Gauge 6. Rain Gauge

**Worksheet - 13**

Do yourself

**Worksheet - 14**

❖ Japan, India, Malaysia  
❖ Pakistan, Sri Lanka, China  
❖ Russia, UK, North Korea

**ART & CRAFT**

Do yourself

**HINDI**

**Worksheet - 1**

( क ) स्वयं करें

( ख ) 1. तितली 2. किसान 3. घर 4. तोता 5.  
फूल

( ग ) 1. सविता, कविता 2. नमन, पुस्तक 3.  
रविवार 4. कमरे 5. मिठास

**Worksheet - 2**

1. पूज्या 2. छात्रा 3. आचार्या 4. नारी 5. हिरनी 6.  
पुत्री 7. शिष्या 8. कबूतरी 9. तपस्विनी 10. चोरनी  
11. मोरनी 12. देवी 13. मुर्गा 14. सिंहनी 15.  
यशस्विनी 16. मजदूरनी 17. जोगिनी 18. नागिन  
19. लोहारिन 20. पुजारन 21. हलवाइन 22.  
सेठानी 23. बंदरिया 24. सेविका 25. गुड़िया 26.  
नायिका 27. नर्तकी 28. गुणवंती

**Worksheet - 3**

❖ पंखे ❖ जूते ❖ प्याले ❖ मेजे ❖ आँखे ❖ ताले

### Worksheet - 4

- (क) 1. मेरी 2. मुझसे 3. मेरे 4. हमें 5. उसे  
(ख) 1. तुम्हें किससे मिलना है। 2. तुम कौन सा सामान लाए हो? 3. आप अपने घर जाइए। 4. तुम्हें सब्जी मैं लाकर दूँगा। 5. तुम अपने आप को क्या समझते हो?

### Worksheet - 5

- (क) 1. का, में 2. ने, का  
(ख) 1. ग 2. घ 3. क 4. ख  
(ग) स्वयं करें  
(घ) स्वयं करें

### Worksheet - 6

- (क) 1. पढ़ 2. लाओ 3. काट 4. देखकर 5. जाऊँगा 6. पढ़ाती।  
(ख) स्वयं करें।  
(ग) स्वयं करें।

### Worksheet - 7

- (क) नया - ताला, छायादार - वृक्ष, मीठी - जलेबी, मजबूत - दरवाजा, राष्ट्रीय - ध्वज, घायल - सैनिक  
(ख) 1. वार्षिक 2. बुद्धिमान 3. स्वादिष्ट 4. भारतीय 5. शौकीन 6. आलसी 7. महान

### Worksheet - 8

स्वयं करें।

### Worksheet - 9

- ❖ अदाकारी ❖ आधुनिक ढंग का।
- ❖ रूपवती युवती ❖ घर के बीच का खुला भाग
- ❖ आशा ❖ नजरअंदार
- ❖ वायु ❖ आग
- ❖ ढाँचा ❖ निर्धन
- ❖ आधा ❖ पूजा में चढ़ाने योग्य
- ❖ भाग ❖ कंघा
- ❖ समूह ❖ काँटा
- ❖ केश ❖ कान में पहनने का आभूषण

- ❖ गाँठ ❖ ग्रंथ का पाठ करने वाला व्यक्ति
- ❖ चप्पल ❖ बादलों में चमकने वाली बिजली
- ❖ आँख ❖ पासो का खेल
- ❖ चमड़ा ❖ अंतिम
- ❖ सूर्य ❖ नाव
- ❖ निर्भय ❖ दोनों
- ❖ सूर्य, मंगल, आदि ❖ घर

### Worksheet - 10

- सूर्य + उदय = सूर्योदय (स्वर संधि)  
पुस्तक + आलय = पुस्तकालय (दीर्घ संधि)  
सप्त + ऋषि = सप्तर्षि (गुण संधि)  
योग + अभ्यास = योगाभ्यास (दीर्घ संधि)  
हिम + आलय = हिमालय (दीर्घ संधि)

### Worksheet - 11

- अर्थ: बहुत दिनों बाद दिखाई देना।  
वाक्य: अरे तुम तो ईद का चाँद हो गए हो।
- अर्थ: अंतिम दम तक लड़ना, बर्बाद करना।  
वाक्य: मैं उसकी ईंट से ईंट बजा दूँगा, पर हार नहीं मानूँगा।
- अर्थ: खूब परिश्रम करना।  
वाक्य: तुम्हें परिक्षा में उत्तीर्ण कराने के लिए तुम्हारी माँ ने आकाश-पाताल एक कर दिया था।
- अर्थ: बहुत क्रोध करना।  
वाक्य: सीमा की बातें सुनकर मोहन आग बबूला हो गया।
- अर्थ: असंभव काम करना।  
वाक्य: इस बच्चे को पढ़ाना उल्टी गंगा बहने के समान है।
- अर्थ: असंभव कार्य करना।  
वाक्य: तुम्हें नौकरी क्या मिली, लगता है आकाश के तारे तोड़ लाए हो।
- अर्थ: बहुत मेहनत करना।  
वाक्य: इस कार्य को पूरा करने के लिए उसने

एड़ी-चोटी का जोर लगा दिया।

8. अर्थ: शिकायत करना

वाक्य: कई दिनों से वह मुझसे बात नहीं कर रहा, लगता है किसी ने उसके कान भर दिए हैं।

9. अर्थ: एक बात पर स्थिर न रहना।

वाक्य: गोपाल जब देखो गिरगिट की तरह रंग बदलता रहता है।

10. अर्थ: गिनती के या थोड़े से शब्दों में बहुत अधिक भाव या विचार सँजोना या व्यक्त करना।

वाक्य: उस व्यक्ति ने दफ्तर में आने के बाद तो मानो जैसे गागर में सागर ही भर दी।

### Worksheet - 12

- विषय 2. प्रकाश 3. पराजय 4. प्रदान 5. अपमान
- कृपा 7. अवगुण 8. कृतज्ञ 9. अस्त 10. पाताल
- छाया 12. हानि 13. निराहार 14. चेतन 15. विदेश 16. चिरन्तन 17. प्रतिकूल 18. अवनति 19. प्रेम 20. अनुतीर्ण 21. अपयाश 22. सुलभ 23. सनाथ 24. समर्थन 25. स्फूर्ति 26. अपवित्र 27. उग्र 28. स्वतंत्र

### Worksheet - 13

- सदन, धाम, निवास 2. सुमन, कुसुम, मंजरी 3. हय, घोटक, तुरंग 4. मेघ, जलधर, नीरद 5. विपिन, कानन, वन 6. भूमिपुत्र, हलधर, खेतिहर

### Worksheet - 14

- अजर 2. आज्ञाकारी 3. अमूल्य 4. अज्ञेय 5. असीम 6. अवर्णनीय 7. अतिथि 8. अमर 9. आकर्षक 10. लाइलाज 11. आधुनिक 12. विदेशी 13. असहनीय 14. अज्ञानी 15. दयावान 16. छात्रावास

## HOLIDAY HOMEWORK-8

### ENGLISH

#### Worksheet - 1

- c 2. d 3. c 4. a

#### Worksheet - 2 to 4

Do it yourself

### Worksheet - 5

- a 2. b 3. a 4. b 5. c 6. a

### Worksheet - 6

- He, My 2. He, himself 3. I, her 4. She 5. I, Myself, My 6. They, themselves 7. She, herself 8. I, myself 9. Himself 10. Each 11. That 12. One 13. His 14. You 15. Which 16. I, who 17. You, Who 18. My, me

### Worksheet - 7

- often 2. sometimes 3. always 4. even 5. certainly 6. tomorrow 7. quickly 8. probably 9. definitely 10. upstairs 11. completely 12. usually 13. neatly 14. slowly

### Worksheet - 8

- took 2. enjoyed 3. did not disturb 4. went 5. did not sleep 6. did not eat 7. was not 8. laughed 9. did not cost 10. did not have

### Worksheet - 9

- a, an 2. X, X the 3. a 4. a 5. a 6. a, X 7. a, X 8. an, the 9. the, X, an 10. X, X

### Worksheet - 10

- A. 1. on 2. in 3. onto 4. to 5. To 6. in 7. to 8. at
- B. 1. I will not go to school from the bus. 2. Vedant will start his new job from tomorrow. 3. Do not walk on a ladder. 4. My pen fell down and rolled under the desk. 5. Keep this plant out from your room, but keep the others in the room.

### Worksheet - 11

- Anniversary 2. Auditorium 3. Aeronautical 4. Buffalo 5. Barometer 6. Campaign 7. Continuity 8. Counselor 9. Diesel 10. Embroidery 11. Ferrous 12. Governor

### Worksheet - 12

- Adamant 2. Stationery 3. Epidemic 4. Illegible 5. Biography 6. Century 7. Cavalry 8. optimistic 9. Impartial 10. Campus 11. Museum 12. Fables

# MATHEMATICS

## Worksheet - 1

- $$\frac{0}{4} \frac{1}{4} \frac{2}{4} \frac{3}{4} \frac{4}{4} \frac{5}{4} \frac{6}{4} \frac{7}{4} \frac{8}{4}$$
- $$\frac{0}{5} \frac{1}{5} \frac{2}{5} \frac{3}{5} \frac{4}{5} \frac{5}{5}$$
- $$\frac{-1}{8} \frac{-7}{8} \frac{-6}{8} \frac{-5}{8} \frac{-4}{8} \frac{-3}{8} \frac{-2}{8} \frac{-1}{8} \frac{0}{8}$$
- $$\frac{-1}{6} \frac{-5}{6} \frac{-4}{6} \frac{-3}{6} \frac{-2}{6} \frac{-1}{6} \frac{0}{6}$$
- $$\frac{0}{9} \frac{1}{9} \frac{2}{9} \frac{3}{9} \frac{4}{9} \frac{5}{9} \frac{6}{9} \frac{7}{9} \frac{8}{9} \frac{9}{9}$$
- $$\frac{0}{4} \frac{1}{4} \frac{2}{4} \frac{3}{4} \frac{4}{4}$$

## Worksheet - 2

- $\frac{-8}{21}, \frac{-9}{21}, \frac{-10}{21}$      $2. \frac{7}{25}, \frac{2}{5}, \frac{9}{20}$
- $\frac{-100}{77}, \frac{-90}{77}, \frac{-80}{77}$      $4. \frac{1}{3}, \frac{5}{12}, \frac{1}{2}$
- $\frac{-3}{6}, \frac{1}{2}, 1$

## Worksheet - 3

- Area of square field =  $80 \frac{244}{729} = \frac{58564}{729}$   
 $(\text{Side})^2 = \frac{58564}{729}$   
 $\text{Side} = \frac{\sqrt{58564}}{\sqrt{729}}$   
 Length of each side of square =  $\frac{242}{27}$
- (a) =  $\sqrt{45 \times 20}$     (b) =  $\sqrt{147 \times 243}$   
 $= \sqrt{900} = 30$      $= \sqrt{35721} = 189$
- and 4. Do it yourself
- Area of Rectangle = Area of Square  
 $13.6\text{m} \times 3.4\text{m} = (\text{Side})^2$   
 $\sqrt{46.24\text{m}^2} = \text{Side of square}$

Side of square = 6.8 m

6. Do it yourself

## Worksheet - 4

- (a) 17 (b) 33 (c) 22 (d) 30 (e) 25 (f) 24 (g) 48 (h) 36
- Volume of Cubical box =  $\text{Side}^3$   
 $13.824 = \text{Side}^3$

$$\sqrt[3]{\frac{58564}{1000}} = \text{side}$$

$$\text{Side} = \frac{24}{10} = 2.4 \text{ meter}$$

3. Do it yourself

- The nearest cube to the no. 682 is 512 and 729 which are the cubes of 8 and 9 respectively. Now we will choose 512 which is nearest to the number 682 and 512 can be subtract from 682. Then,

$$\begin{array}{r} 682 \\ -512 \\ \hline 170 \end{array} \quad \text{Hence, 170 should be subtract from 682.}$$

5. and 6. Do it yourself

- (a) 4 (b) 8 (c) 22 (d) 30 (e) 25 (f) 24 (g) 48 (h) 36

## Worksheet - 5

- $= -7^{5+(-5)} = -7^{5-5} = -7^0 = -1$
- $= 3^{2 \times 3} = 3^6 = 729$
- $= \left(\frac{2}{3}\right)^{5+7} = \left(\frac{2}{3}\right)^{12}$      $4. (\sqrt{5})^{2+3} = (\sqrt{5})^5$
- $\left(\frac{1}{2}\right)^{-3+5} = \left(\frac{1}{2}\right)^2$      $6. = \frac{3^4}{5^2}$
- $3^4 \times 5^4$      $8. \frac{2}{3} \times \frac{3}{2} = 1$

## Worksheet - 6

- Marks obtained = 60% of maximum marks  
 Maximum Marks = 600  
 $\text{Marks} = \frac{600 \times 60}{100} = 360$
- World largest bell weighs = 180 tonnes  
 Weight of bell in barma  
 $= 44.5\%$  of world' largest bell



$$= \frac{180 \times 44.5}{100} = 80.1 \text{ tonnes}$$

3. Maximum Marks = 75

obtained Marks = 45

$$\text{Percentage} = \frac{45}{75} \times 100 = 60\%$$

4. Quantity of components in Metal = 100

In which, Tin = 70%

Brass = 25%

Zinc = 100% - 95%

= 5%

$$\text{Quantity of zinc} = \frac{250 \times 5}{100} = 12.5 \text{ kg}$$

5. Money left in % = 100% - (5% + 22% + 53%)

$$= 100\% - 80\%$$

$$= 20\%$$

$$\text{Total income} = \frac{\text{₹}2163.40 \times 100}{20} = \text{₹}10,817$$

6. We know tax and discount are applied on list price. Then,

15% Discount on an article = ₹15

And 5% tax on an article = ₹5

Then cost of an article = ₹100 - (15 + 5) = ₹80

7. Total no. seats = 100%

Seats filled = 75%

$$\text{Vacant seats} = \frac{600 \times 25}{100} = 150$$

8. Selling price of property

$$= \frac{50000 \times 100}{4} = 12,50,000$$

9. She saves = 100% - 65% = 35%

Woman saves every month =

$$= \frac{10,000 \times 35}{100} = 35,000$$

10. Increase in population = 62500 - 60000

$$= 2500$$

$$\text{Percentage Increased} = \frac{2500}{60000} \times 100$$

$$= 4 \frac{1}{6} \%$$

11. Iron = 40%

zinc = 100% - 40%

= 60%

Quantity of Zinc in 3Kg or 3000 gm alloy

$$= \frac{3000 \text{ gm} \times 60}{100} = 1800 \text{ gm or } 1.8 \text{ kg}$$

$$12. \text{ No. of children Passed} = \frac{1700 \times 85}{100}$$

$$= 1445$$

$$13. \text{ Discount of goods} = \frac{\text{₹}1500 \times 50}{100}$$

$$= \text{₹}750$$

### Worksheet - 7

1.  $x$  is half of  $Y$  and  $Y$  is twice of  $x$ .

$$x^1 = 20$$

$$y_1 = 70$$

2.  $x$  is three times of  $Y$  and  $y$  is one-third of  $x$ .

$$a = 9$$

$$a = 18$$

$$b = 4$$

$$c = 24$$

$$d = 11$$

$$3. \text{ Cost of pencil} = \frac{\text{₹}16}{8} = \text{₹}2 \text{ each}$$

$$\text{Price of 5 pencils} = 5 \times \text{₹}2 = \text{₹}10$$

4. 5 hours in minutes =  $5 \times 60 = 300$  minutes

$$\therefore \text{ Car travels in 25 minutes} = 14 \text{ km}$$

$$\therefore \text{ Car travels in 1 minute} = \frac{14 \text{ km}}{25 \text{ min}}$$

$$\therefore \text{ Car travels in 300 minute} = \frac{14 \times 300}{25} = 168 \text{ km}$$

5. Consumption for 170 students

$$= \frac{12\text{kg} \times 170}{240}$$

$$= 8.5 \text{ Kg}$$

6. Bottles filled in 6 hours = 840

$$\therefore \text{ Bottles filled in 5 hours} = \frac{5 \times 840}{6} = 700$$

$$7. \text{ Length of bacteria} = \frac{20000 \times 5}{50000} = 2 \text{ cm}$$

8. If the length of ship is 28 m, then height of mast will be  $= \frac{28 \times 9}{12} = 21$  cm

### Worksheet - 8

1. (a) binomial (b) trinomial (c) monomial (d) trinomial (e) monomial (f) binomial

2. (a) Polynomial in one Variable (b) Polynomial in one Variable (c) Polynomial in one Variable (d) Polynomial in Two Variable

3. Do it yourself

### Worksheet - 9

1. Let the first no. =  $x$

Second no. =  $x + 1$

third no. =  $x + 2$

$$7(x + x + 1 + x + 2) = 84$$

$$3x + 3 = \frac{84}{7}$$

$$3x = 12 - 3$$

$$x = \frac{9}{3} = 3$$

Nos. are  $7 \times x = 7 \times 3 = 21$

$$7 \times (x + 1) = 7 \times 4 = 28$$

$$7 \times (x + 2) = 7 \times 5 = 35$$

$$\text{Total} = \frac{84}{7}$$

2. Father's age =  $x$

Amyra's age =  $\frac{x}{5}$

$$\Rightarrow \frac{x}{5} + 6 = \frac{x}{3}$$

$$\Rightarrow \frac{x + 30}{5} = \frac{x}{3}$$

By Cross multiplication

$$3x + 90 = 5x$$

$$2x = 90$$

$$x = \frac{90}{2} = 45$$

Amyra's age =  $\frac{x}{5} = \frac{45}{5} = 9$  years

3. Let the 1st odd no. =  $x$

2nd odd no. =  $x - 2$

3rd odd no. =  $x + 2$

$$(x + x - 2 + x + 2) = 135$$

$$3x = 135$$

$$x = 45$$

Nos. are  $x = 45$

$$x - 2 = 43$$

$$x + 2 = 47$$

4. Let Kiara's Age =  $5x$

and Kabir's Age =  $6x$

$$\frac{5x + 5}{6x + 5} = \frac{6}{7}$$

$$\Rightarrow 35x + 35 = 36x + 30$$

$$x = 5$$

While putting the values-

Kiara's Age =  $5x = 5 \times 5 = 25$  yrs

Kabir's Age =  $6x = 6 \times 5 = 30$  yrs

5. Let nos. are  $7x$  and  $5x$

Difference between them =  $7x - 5x$

$$= 2x$$

$2x$  is equal to 16.

Then,  $x = 8$

Nos. are  $7x = 7 \times 8 = 56$

$$5x = 5 \times 8 = 40$$

6. Do it yourself

### Worksheet - 10 & 11

Do yourself

### Worksheet - 12

(a) Congruent (b) Congruent (c) Congruent (d) Congruent (e) Not Congruent (f) Congruent

### Worksheet - 13

$$\text{A. } 2x = 48^\circ$$

$$x = 40^\circ$$

$$3x = 72$$

$$y = 80^\circ$$

$$\Delta ABC = 180^\circ$$

$$x + 2x + 3x = 180^\circ$$

$$6x = 180^\circ$$

$$x = 30^\circ$$

$$2x = 60^\circ$$

$$3x = 90^\circ$$

$$y = 180^\circ - 30^\circ$$

$$= 150^\circ$$

$$\begin{array}{l|l|l} \text{B. } Y = 100^\circ & Y = 70^\circ & x = 115^\circ \\ x = 130^\circ & x = 57^\circ & y = 115^\circ \end{array}$$

### Worksheet - 14

1. Daily wages (C.I.)	No. of Labourers (F)	C.I × F
200	5	1000
150	7	1050
120	10	1200
220	3	660
250	3	750
300	2	600
	30	5260

2. to 6: Do it yourself

### SOCIAL SCIENCE

#### Worksheet - 1

❖ Do yourself

❖ The Early Medieval Period = 500 AD – 1000 AD

The Later Medieval Period = 1300 AD- 1500 AD

❖ 1. T 2. F 3. T 4. F 5. T

#### Worksheet - 2

❖ Queen Elizabeth, Aurangzeb, Mir Qasim, Tipu Sultan, Siraj-ud-Daulah, Waren Hastings, Hyder Ali, Robert Clive, Lord Wellesley

#### Worksheet - 3

Do it yourself

#### Worksheet - 4

❖ Max Muller, Mahatma Gandhi Surendranath Banerjee, Allan Octavian Hume, Pherozeshah Mehta, Gopal Krishna Gokhale, Lala Lajpat Rai, Bipin Chandra Pal, Bal Gangadhar Tilak

**Civics**

#### Worksheet - 5

A. 1. a 2. 123. d

B. 1. fundamental rights 2. 23-24 3. 26th January, 1950 4. Directive Principles 5.

Governor 6. Legislature

#### Worksheet - 6

A. Do yourself

B. 1. Democracy 2. Union Legislature 3. President 4. Rajya Sabha 5. Question hour 6. Constitution

#### Worksheet - 7

A. Do yourself

B. 1. Judiciary 2. unified 3. Supreme Court 4. district courts 5. board of revenue 6. Nyaya Panchayat

#### Worksheet - 8

A. Do yourself

B. 1. F 2. T 3. T 4. T 5. T

#### Worksheet - 9

A. Do yourself

B. 1. Marginalisation 2. caste system 3. Adivasis 4. culture and traditions 5. British Rule 6. electricity

### Geography

#### Worksheet - 10

A. 1. Mercury  2. Venus   
3. Earth  4. Mars   
5. Jupiter  6. Saturn   
7. Uranus  8. Neptune

B. 1. Ursa Major (Great Bear) 2. Ursa Minar (Little Bear) 3. Orion (Hunter) 4. Draco (Dragon) 5. Scorpio 6. Pleides 7. Carsiopeca 8. Leo 9. Cancer 10. Cygnus

#### Worksheet - 11

A. Do yourself

B. 1. Natural 2. 29% 3. accumulation 4. depletion 5. contour 6. terrace farming

#### Worksheet - 12

A. Iron Age, Copper Age, Boonze Age

B. 1. Mineral 2. Ore 3. Europe 4.

Conventional and non-conventional 5.  
Solar energy 6. Conservation

**Worksheet - 13**

- ❖ Ostrich  
Africa
- ❖ Camel  
North  
Africa
- ❖ Cheetah  
Africa
- ❖ Emu  
Australia
- ❖ Koala  
Australia
- ❖ Scorpion  
All contin-  
ents except  
Antarctica
- ❖ Zebra  
Africa
- ❖ Giraffe  
Africa
- ❖ Lion  
Asia,  
Africa,  
Europe

**Worksheet - 14**

- A. Do yourself  
B. 1. peninsula of peninsulas 2. 50 3.  
forested 4. Steppe 5. Transport 6. Coastline

**SCIENCE**

**Worksheet - 1**

- A. ❖ Antonie Van Leeuwenhoek ❖ Louis  
Pasteur ❖ Edward Jenner ❖ Joseph Lister  
B. ❖ Rod-like bacteria ❖ Spiral Bacteria ❖  
Spherical Bacteria

**Worksheet - 2**

- A. 1. K 2. Na 3. Ba 4. Ca 5. Mg 6. Al 7.  
Zn 8. Fe 9. Sn 10. Pb 11. H  
B. 1. T 2. F 3. T 4. T 5. T

**Worksheet - 3**

- A. 1. Yes 2. Yes 3. Yes 4. Yes 5. Yes 6. No  
7. Yes 8. No  
B. Do yourself

**Worksheet - 4**

Do yourself

**Worksheet - 5**

- A. Do yourself

- B. 1. Reflection 2. incident ray 3.  
reflected ray 4. spectrum 5. pupil 6. power  
of accommodation

**Worksheet - 6**

- ❖ Do yourself  
❖ **Pleasant Sounds:** sound of rain,  
chirping of birds, sound of splashing  
waves of the sea, sound of leaves rustling  
**Disturbing Sound:** Car Alarms, Snoring,  
baby crying, Fork on a glass  
❖ 1. T 2. F 3. T 4. T

**COMPUTER**

**Worksheet - 1**

- A. 1. d 2. c 3. b 4. a 5. a

**Worksheet - 2**

- A. 1. (a) 2. (a) 3. (b) 4. (a) 5. (a) 6. (a)  
B. 1. F 2. T 3. T 4. F 5. F 6. T

**Worksheet - 3**

1. (a) 2. (b) 3. (a) 4. (b) 5. (c)

**Worksheet - 4**

Do it yourself

**Worksheet - 5**

- A. 1. (b) 2. (c) 3. (d) 4. (a) 5. (d)  
B. 1. dreamweaver 2. word processor 3.  
manipulate 4. polygon 5. library

**Worksheet - 6**

A.	Twisted Pair (Phone line)
	<b>Advantage:</b> Easy to Install and Economical <b>Disadvantage:</b> Static and garble
	Coaxial (round insulated wire)
	<b>Advantage:</b> Not susceptible to inter- ference Transmits faster <b>Disadvantage:</b> Heavy and bulky needs booster over distance
	Fibre optics (glass wire)

**Advantage:** Smaller and lighter  
Faster (speed of light), No  
interference

**Disadvantage:** Expensive, Harder to  
install and modify

**B.** (a) networking (b) server (c)  
workstation (d) transmission (e) star  
topology

#### Worksheet - 7

**A.** 1. (a) 2. (a) 3. (a) 4. (d) 5. (d)

**B.** 1. (F) 2. (T) 3. (T) 4. (T) 5. (F)

#### Worksheet - 8

**A.** Do it yourself

**B.** (a) T (b) F (c) T (d) F (e) T

#### Worksheet - 9

**A.** 1. (a) 2. (b) 3. (c) 4. (d) 5. (a)

**B.** 1. chapter 2. Alt + Ctrl 3. Alt + Ctrl + D  
4. cross reference 5. references

#### Worksheet - 10

**A.** 1. (d) 2. (c) 3. (b) 4. (a) 5. (b)

**B.** 1. F 2. F 3. T 4. T 5. T

#### Worksheet - 11

**A.** 1. (a) 2. (b) 3. (c) 4. (d) 5. (a)

**B.** Do it yourself

#### Worksheet - 12

**A.** 1. (c) 2. (d) 3. (a) 4. (b) 5. (c)

**B.** 1. F 2. T 3. F 4. T 5. T

#### Worksheet - 13

**A.** ❖ Click on the Start or Window button

❖ Click on All program

❖ Click on Microsoft office 2013 folder

❖ Click on Microsoft office Access 2013

❖ Now, an opening screen of MS-Access  
2013 will appear

**B.** 1. (c) 2. (b) 3. (a) 4. (d) 5. (a)

#### Worksheet - 14

**A.** Do it yourself

**B.** int – 32 bit (4-byte) integer value  
short – 16-bit (2-byte) integer value  
long – 64-bit (8-byte) integer value  
byte – 8-bit (1-byte) integer value  
float – 32-bit (4-byte) floating-point  
value  
double – 64-bit (8-byte) floating-point  
value  
char – 16-bit character using the  
Unicode encoding scheme  
boolean – A True False value

#### GENERAL KNOWLEDGE

##### Worksheet - 1

1. Electric eel 2. Jelly Fish 3. Turtle 4. Sea  
Horse 5. Octopus 6. Sea Sponges

##### Worksheet - 2

- ❖ Afghanistan - Kabul
- ❖ Canada - Ottawa
- ❖ Egypt - Cairo
- ❖ England - London
- ❖ Bangladesh - Dhaka
- ❖ France - Paris
- ❖ India - New Delhi
- ❖ Germany - Berlin
- ❖ Italy - Rome

##### Worksheet - 3

1. Austria 2. Cuba 3. Dominica 4. Egypt  
5. India 6. Jordan 7. Nepal 8. Kuwait 9.  
Bangladesh 10. Sweden 11. Sudan 12.  
Myanmar

##### Worksheet - 4

1. West Bengal 2. Madhya Pradesh 3.  
Jammu and Kashmir 4. Uttarakhand 5.  
Rajasthan

### Worksheet - 5

❖ China ❖ Bangladesh ❖ Cambodia ❖ India ❖ Israel ❖ Pakistan ❖ Myanmar ❖ Mangolia ❖ Malaysia

### Worksheet - 6

Germany: Bundestag, Russia : Duma, USA : Congress, Japan : Diet, Spain : Crates, Bangladesh : Jatia Parliament, Egypt : People Assembly, Maldives : Majlis

### Worksheet - 7

1. Great Basin Victoria 2. Arctic 3. Antarctica 4. Sahara Desert 5. Gobi Desert 6. Great Victoria 7. Patagonian Desert

### Worksheet - 8

1. Zorbing 2. extreme ironing 3. chess boring 4. Oil Utrestling 5. La Tomatina 6. Baseball

### Worksheet - 9

1. Lotus Temple 2. Pamban bridge 3. Kailasa 4. Dilwara temples 5. Jog falls 6. Bhimbetka rock shelter

### Worksheet - 10

1. Flying Duck Orchid 2. White Bat Plant 3. Math Orchid 4. Flame Lily 5. Parrot Flower 6. The Monkey Face Orchid 7. The Moon Orchid 8. Corpse Lily

### Worksheet - 11

1. Rabindranath Tagore 2. Rudyard Kipling 3. Pearl Buck 4. George Bernard Shaw 5. Ernest Hemingway 6. William Butler

### Worksheet - 12

1. Abu Abdullah Muhammad Ibn Battuta 2. Marco Polo 3. Christopher Columbus 4. Tim Berners Lee And Robert Cailliau 5. Al Battani

### Worksheet - 13

1. Joseph Stalin 2. Hitler 3. Leopold-11 4. Adolf Eichmann 5. Vlad Tepes 6. Genghis Khan

### Worksheet - 14

1. Sania mirza 2. Saina Nehwal 3. Mary Kom 4. Vijender Singh 5. Roger Federer 6. Serena Williams

### ART & CRAFT

Do Yourself

### HINDI

#### Worksheet - 1

( क ) स्वयं करें

( ख ) (क) ब (ख) स (ग) र (घ) य (ङ) अ (च) अ

#### Worksheet - 2

सज्जनता, स्त्रीत्व, मजदूरी, लड़कपन, बुढ़ापा, इंसानियत, मातृत्व, पशुत्व, राष्ट्रियता, हैवानियत, पूजन, बचपन, चोरी, योवन

#### Worksheet - 3

1. प्रिया 2. नागिन 3. बाला 4. ग्वालिन 5. शिष्या 6. नातिन 7. तनुजा 8. ठकुराइन 9. आचार्या 10. पंडिताइन 11. वृद्धा 12. चौधराइन 13. पुत्री 14. अध्यापिका 15. दादी 16. लेखिका 17. गंधी 18. देवरानी 19. घोड़ी 20. जेठानी 21. चुहिया 22. पत्नी 23. इन्द्रानी 24. श्रीमती 25. गुड़िया 26. कवयित्री 27. लुहारिन 28. दासी 29. कुम्हारिन 30. लेखिका

#### Worksheet - 4

( क ) उसकी, उसने, उसकी, उसने, उससे, तुम, उसने, मैं, वह, उसने, उसकी

(ख) स्वयं करें

**Worksheet - 5**

(क) 1. बुद्धिमान - गुणवाचक विशेषण

2. एक - संख्यावाचक विशेषण

3. कम - परिमाणवाचक विशेषण

4. सवा मीटर - परिमाणवाचक विशेषण

5. थोड़ा - परिमाणवाचक विशेषण

6. यह कमरा - सार्वनामिक विशेषण

(ख) 1. रावण 2. चीनी 3. यात्री 4. चाय

**Worksheet - 6**

(क) स्वयं करें।

(ख) 1. लिख 2. जा 3. चल 4. बैठ 5. सुन 6. पढ़

**Worksheet - 7**

1. यशप्राप्त 2. स्वर्गवास 3. परलोक 4. देशभक्ति  
5. गौशाला 6. धनहीन 7. मालगोदाम 8. भयभीत  
9. पथहीन 10. गंगाजल 11. अमृतधारा 12.  
भारतरत्न 13. लोकप्रिय 14. सिरदर्द 15.  
आत्मविश्वास

**Worksheet - 8**

1. अनाथ, अज्ञान  
2. अनादि, अनेक  
3. अत्यधिक, अत्याचार  
4. अधिकार, अधिपति  
5. अभिनेता, अभिनय  
6. अनुरूप, अनुकरण  
7. अपमान, अपयश

8. अवगुण, अवनति

9. आगमन, आदान

10. उत्कर्ष, उत्थान

11. उपकार, उपदेश

12. सुगम, सुमार्ग

13. सफल, सपरिवार

14. स्वराज, स्वतंत्र

15. दुर्बल, दुर्गुण

16. निबंध, निवेदन

17. निर्मल, निर्गुण

18. पराजय, पराक्रम

**Worksheet - 9**

1. प्यासा, भूला 2. धनी, लोभी 3. शेरनी, जाटनी 4.  
बाजारू, पेदू 5. बेलन, ढक्कन 6. मुस्कराहट,  
गड़गड़ाहट 7. गिरावट, बुनावट 8. कमाई, सिलाई  
9. झुकाव, चुनाव 10. चमकता, डूबता 11. सुनते,  
रोते 12. पीकर, रोकर 13. खाया, पीया 14.  
कुम्हारिन, सुनारिन 15. पंडिताइन, बबुआइन 16.  
चुहिया, बदरिया 17. गायिका, नायिका 18. सेठानी,  
जेठानी 19. बाज़ीगर, कारीगर 20. कलाकार,  
साहित्यकार 21. टोपीवाला, गाड़ीवाला 22. सुनार,  
लुहार 23. पनिहारा, लकड़हारा 24. गुणवान,  
धनवान 25. दुखांत, सुखांत 26. रूपमती, बुद्धिमती

**Worksheet - 10**

1. चर + अचर 2. भाव + अर्थ 3. परम + अणु 4.  
वर्ग + आकार 5. शुभ + आरंभ 6. भोजन +  
आलय 7. दया + आनंद 8. महा + आशय 9. विद्या  
+ आलय 10. शिक्षा + अर्थी 11. अति + इव 12.

सीमा + अंत 13. हरि + ईश 14. यदि + अपि 15.  
अति + अधिक

### Worksheet - 11

(क) स्वयं करें।

(ख) 1. सड़क पर मत खेलों। 2. हमने किताब को पढ़ा। 3. समीर के कमरे में दो खिड़की हैं। 4. बच्चे बस में पिकनिक गए। 5. डॉक्टर ने मरीज को दवाई दी।

### Worksheet - 12

❖ आसान ❖ आराम ❖ अधीन ❖ आगामी ❖ ईश्वर  
❖ इलाज ❖ असर ❖ ऐश्वर्य ❖ ऊन ❖ एड़ी ❖ ओस  
❖ श्रृंगार ❖ दीवार ❖ ऐच्छिक ❖ दृश्य ❖ दीवाली ❖  
बादाम ❖ नाराज ❖ सामाजिक ❖ अतिथी ❖ बीमार  
❖ परीक्षा ❖ परंतु ❖ प्रभु ❖ सूर्य ❖ धुआँ ❖ नयन ❖  
दैहिक ❖ ऐसा ❖ कलम ❖ सोना ❖ कौआ

### Worksheet - 13

1. वह घर आया। 2. शीला खाना बनाएगी। 3.

राजेश किताब पढ़ेगा। 4. धोबी कपड़े धोएगा। 5.  
बंदर पेड़ पर चढ़ेगा 6. वह सवेरे आएगी। 7. मेरा  
मित्र गेंद से खेलेगा। 8. घोड़ा तेज दौड़ेगा 9. वह  
कुर्सी पर बैठेगा। 10. वह पानी पीएगा। 11. नरेश  
कलम से लिखेगा। 12. नौकर काम करेगा। 13.  
राकेश मोटर चलाएगा। 14. नीलम रात में सोएगी।  
15. सतीश पत्र लिखेगा। 16. सुरेश रात में दूध  
पीएगा।

### Worksheet - 14

1. हय, घोटक, तुरगं 2. आग, अनल, पावक 3.  
दैत्य, दानव, राक्षस 4. चक्षु, नयन, नेत्र, 5. वस्त्र,  
पट, चीर 6. पर्कज, नीरज, सरोज 7. भगवान,  
परमात्मा, विधाता 8. गृह, सदन, भवन 9. मयंक,  
विधु, सुधाकर 10. देवनदी, नदीश्वरी, देवापगा 11.  
कमान, धनु, कार्मुक 12. नौका, बेड़ा, तारिणी 13.  
करवाल, असि, कृपाण 14. ध्वज, पताका, केतन  
15. कीर, तुंड, सुग्गा