1 Fantastic Animal World

1
a. flying fox
b. Bioluminescence
c. artic
d. Humming birds
e. viviparous

2
a. omnivorous
b. 1973
c. bat
d. dolphin

3
a. True
b. True
c. True
d. True
e. False

4
a. blubber
b. amphibians
c. bats
d. 200-400
e. catfish

5
a. hippopotamus
b. cricket
c. giraffe
d. albatross
e. mammoth
f. ostrich
g. colour of nose
h. blue whale
i. dolphins

2 Parts of Plants

1
a. Forest fire rejuvenate the soil and eliminate invasive species, which promote healthier and stronger plant species.
b. The root of a cactus grows deeper to reach the underground water when the top soil is dry and the thin roots that grows near the surface of the soil collects rain water to help the plant to reduce.
c. Plants with fibrous roots have parallel venation in their leaves.
d. Onions produce the chemical irritant known as syn-propanethial-s-oxide. It stimulates the eyes' lachrymal glands so they release tears.
e. Plants make food in their leaves and the process is known as photosynthesis.

2
a. adventitious root
b. rhizome
c. tuber
d. flower
e. flax seed

3
a. tap
b. Trunk
c. Blade
d. leaves

4
a. climber
b. dark
c. fibrous
d. tuber
e. stomata

5
a. carrots, beetroot, radish
b. wheat, banana, onion

6
1. Tap
2. Photosynthesis
3. Veins
4. Nitrogen
5. Adventitious
6. Trunk
7. Ferns
8. Carnivorous

3 System of Human Body

1
a. True
b. False
c. True
d. True
e. True

2
a. bone making cells
b. diaphragm
c. 9 mts long
d. longest bone
e. partly digested food

3
a. The pulpy acidic fluid which passes from the stomach to the small intestine consisting of gastric juices and partly digested food is known as chyme.
b. Osteoblasts are cells which secretes the substance of bone or you can say it's a cell responsible for bone forming.

4
a. ligaments tendons
b. sing le cell, oxygen
c. cushion, insulate
d. chyme
e. reflex reaction

4 Some Medicines and Diseases

1
a. Polio
b. Cancer
c. Penicillion
d. Asthma
e. Tsetse Fly

2
a. False
b. True
c. False
d. True
e. True

3
a. high fever, headache, rash, muscle and joint pain
b. difficulty breathing, chest pain, cough and wheezing
c. behavioural changes, confusion and poor coordination.

4
a. developed by American virologist Jonas Salk in 1955
b. its antimicrobial properties help in healing wounds
c. medicine that fights infections caused by bacteria
d. overdose can cause liver or kidney damage and stomach issues.

5

1. Dengue
2. Tonas Salk
3. Africa
4. fever
5. Penicillin
6. Neem
7. Chronic disease

5 Renowned Scientists

1

a. Alexander Fleming
b. Alessandro Valta
c. Daniel Fahrenheit
d. Petrache Poenaru
e. Rene Laennec

2

a. C. V. Raman
b. Homi Bhabha
c. A. P. J. Abdul Kalam
d. Har Govind Khurana
e. Subrahmanyan Changrasekhar

3

a. Galileo
b. Aryabhatta
c. Pythagoras
d. Robert Boyle
e. James Watt

4

a. Marie Curie
b. Stethoscope
c. 1885
d. Manhattan
e. 1928
f. James Watt
g. 1921

5

a. Phonograph
b. Stethoscope
c. Thermometer
d. Motion picture camera
e. Lie detector
f. Sphygmomanometer

6 Genres In Literature

1

a. Phaedrus
b. Torah
c. Copernican heliocentrism
d. The Prince
e. Beowulf

2

a. short story
b. poem
c. Anne Frank
d. Jonathanlae
e. dramatist or playwright

3

a. Bengali
b. English
c. German
d. French
e. Latin

7 Art Forms

1

a. Rajasthan
b. Lucknow
c. Mithila (Bihar)
d. Jaipur
e. Kashmir

2

a. Monalisa
b. Antonio Canova
c. Girl Before a Mirror
d. Saint Mark
e. Henry Moore

3

a. True
b. False
c. True
d. True
e. True

4

a. trumpet
b. clarinet
c. santoor
d. accordion
e. maracas

5

a. England
b. Andhra Pradesh
c. Geet Govind
d. Breaker

8 Pollution

1

a. Microorganisms
b. Artificial Lights
c. Excess nutrients in water
d. Nuclear Power plants
e. Acid Rain

2

Radioactive substance are atoms that decay naturally. It can give off alpha beta and gamma particles. It is unstable and produces dangerous kinds of radiation. Unlike x-ray sources they cannot be turned off so their can not is more difficult.

3

We should conserve natural resources because it is the main source of our daily needs and they are limited only. If these resources are harmed we will have short quantity of sources for food and living.

4

a. Bhopal 1984, Ukraine 1986
b. Decibels
c. Ozone layer
d. 5th June

5

a. Atom bomb blast at Hiroshima and Nagasaki
b. Explosion at Chernobyl Nuclear Power Station
c. Spill of oil from Exxon Valdez at Alaska, USA
d. Flooding and landslides in Uttrakhand

6

a. Methane
b. Bicycle
c. Hybrid car
d. 22nd April
e. Ozone Layer
f. Ecological Footprint
g. Ecological Footprint
h. Hydrogen
i. Natural Gas
j. Greenhouse Gases

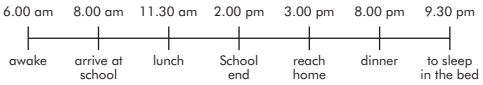
9 Logy and ICS Words

1
a. timeline
b. physics
c. ecology
d. anthropologists
e. The study of

2
a. Time
b. Suffering
c. Human Being
d. House
e. Life

3
a. True
b. True
c. False
d. False
e. False

4
a. Heat, Electricity, Mechanics, Light, Sound, Work, Energy, Gravity.
b. Chronology is the science of arranging events in their order of occurrence in time.



c. Ramayan, Mahabharat
d. Photography, Opthalmology
e. Ethics help us to differentiate between good and bad and hence help us in committing any unknown sin or crime.

5
a. Ecology
b. Politics
c. Ethics
d. Biology
e. Physics
f. Optics

10 Important Dates In India

1
a. 28th February
b. 12th January
c. 8th September
d. 1st May
e. 23rd December

2
a. Jawaharlal Nehru
b. Power
c. Literacy
d. 500
e. Physics

3
a. Republic Day
b. International Literacy Day
c. Children's Day
d. World Health Day
e. Teacher's Day

4
a. National Youth Day
b. Constitution
c. Republic
d. Labour
e. Science

5
1. Education
2. Chand
3. Teacher's
4. Kisan
5. Youth
6. Nonviolence

11 Amazing Places In The World

1
1. The Tunnel of Love
2. Lake Retba, Senegal
3. Zhangye Danxia Land form, China
4. Dragon Blood Tree
5. Mendenhall Ice Caves, Alaska

2
a. Mendenhall Ice Caves
b. Sally water
c. Three Kilometers
d. Rainboro mountain of China

3
a. Black Forest
b. Belize
c. Algae
d. African

4
a. Tunnel of Love, Ukraine
b. Moravian Fields, Czech Republic
c. Wisteria Flower Tunnel, Japan
d. Salar De Uyuni, Bolivia

5
a. Yemen
b. Germany
c. China
d. Bolivia
e. Japan

12 Countries and their Interdependencies

1
a. trade
b. Natural Gas
c. ECOSOC
d. interdependence
e. international

2
a. It is made of fructose and glucose
b. The total world production is estimated at about 25 billion tonnes.
c. One third of the world's quantity is produced in Brazil
d. The top exporters of this commodity are Saudi Arabiz, Russia and Iraq

3
a. False
b. True
c. True
d. False
e. False

4
a. (a) Cereals, Cotton (b) Iron, Steel
b. Brazil
c. (a) Rice (b) Coffee
d. (a) China (b) USA
e. United Nations

5
a. import
b. export
c. Brazil
d. Crude
e. barter

13 Ancient India

1

a. Aryans
b. Ashoka
c. Nadir Shah
d. 500 BC
e. Babar
f. Yajurveda

2

a. Bindusara
b. Introduces Buddhism in Sri Lanka
c. Treatise of Maths and Astronomy
d. Algebra, Trigonometry and Calculus
e. Mokshapat

3

a. The infiltration of Aryan tribes
b. Alexander the Great conquers the Indus Valley
c. The Indus Valley Civilisation vanishes
d. Ashoka becomes the Mauryan emperor
e. Takshila University comes into being

4

a. Ashoka Pillar
b. Sachi Stupa

14 Facts About Computer

1

a. TREE
b. 2013
c. STAR
d. RING
e. 1936
f. All of these
g. silicon
h. Operating system
i. A personal or corporate website in the form of an journal
j. Hyper Text markup Language
k. The first page
l. Domain Name System

2

a. Sundar Pichai
b. Tim Bemer's Lee
c. URL
d. Morden
e. mosiac

15 Things and Materials

1

a. An item that can be taken back into the earth naturally and so not harm the environment is biodegradable.
b. It is used in research, medicine, consumer goods and vorious industries.
c. Polariscope is used to detect internal stresses in glass and other transparent materials sushas plastics, synthetic resins etc.

2

a. minerals
b. sandwich, poly carbonate (polyethylene tcrepthalate)
c. Acrylic or PETE
d. humidity

3

a. furniture, construction, pencil, etc.
b. toys, plumbing, packaging
c. footwears, bags, belt etc.
d. packaging, bottles, tableware (drinking glasses, plate, cups, bowls)

16 Famous Authors Books And Quotes

1

a. Holocaust
b. Dr. Seuss
c. Alice's Adventures in Wonderland
d. Agatha
e. The Little Prince

2

a. T
b. F
c. F
d. T
e. T

3

a. Williams Shakespeare
b. Anne Frank
c. Mousetrap
d. Little Prince
e. Oscar Wilde

4

a. Jules Verne
b. Dr. Suess
c. Lewis Carroll
d. Anne Frank
e. Agatha Christie

5

a. Cheshire Lat, the mad Hatter
b. 82
c. On the places you will go!
d. The blue umbrella, one cherry tree the night train at Deloli.

17 Integers Puzzles Using Numbers

1

48
Explanation: The number in the middle of the first circle is determined as follows:
$(8-4) \times (3+2) = 20$
The same rule applies to the second circle:
$(10-7) \times (3+1) = 12$
Therefore, following the same rule:
$(9-3) \times (4+4) = 48$

2

$1 + 2 + 34 + 56 + 7 = 100$

3

Second
Explanation: Because you overtake the second position not the first.

4

8Ltr.	5 Ltr.	3Ltr.
8	0	0
3	5	0
3	2	3
6	2	0
6	0	2
1	5	2
1	4	3
4	4	0

6 Work out the value of each shape.

 = 12  = 9  = 17

7 If 1 = 3
2 = 6
3 = 9
4 = 12
Then 5 = 15

9



5 3 cows, 2 pigs and 1 horse
Explanation:
1) Pigs + Horses = 3
2) Cows + Horses = 4
3) Cows + Pigs = 5
Use the first two equations and isolate for Horses:
Horses = 3 – Pigs
Horses = 4 – Cows
therefore 3 – Pigs = 4 – Cows
Replace Cows in the above equation with 5 – Pigs (from equation 3):
3 – Pigs = 4 – (5 – Pigs)
3 – Pigs = 4 – 5 + Pigs
3 – Pigs = – 1 + Pigs
4 = 2 × Pigs
Pigs = 2
Replacing Pigs with 2 in equation 1 and 3 will give you the number of Horses and Cows.

8 As given A + B = 76; A – B = 38
Let add the two given equation so
(A + B) + (A – B) = 76 + 38
2A = 114
A = 57
Now, substitute value of A i.e. 57 in any one given equation
A + B = 76 so Putting A = 57
57 + B = 76
B = 19
So, now as asked
A/B = 57/19 = 3 Ans.

18 Abbreviations

1
a. Memory
b. Estimated
c. Soon
d. Amusement
e. Post

4
a. Restin Peace
b. Respond if you please
c. Estimated Time of Arrived
d. Universal Serial Bus
e. Do it Yourself
f. Random Access Memory

2
Saint
Department
Professor
Established
Et cetcra or 'and other things'
For your information
For example
Foot or feet
Mount
Before common era

19 Classification of Numbers

1
a. T
b. F
c. F
d. T
e. F

3
a. irrational
b. integer
c. rational
d. rational
e. whole
f. natural

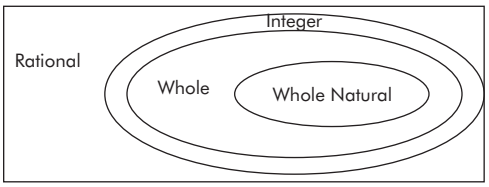
4

0	9/3	–8.43	$\sqrt{25}$	1/3
$-\sqrt{5}$	–1/2	8/2	3	$-\sqrt{2}$
–5	5	$\sqrt{36}$	–3/4	12.5
$\sqrt{5}$	6	–1/3	–2	$-\sqrt{7}$
15	–10	7	4	$\sqrt{9}$

6
a. 0.9123456
b. 1/3 + 1/3
c. –80000
d. Perfect squares
e. Square root of 3
f. 2/3

2

Rational	Integer	Whole Natural	Whole
–0.587	–42	428	0
0.148		42698	



5

$\sqrt{25}$	10.3	1/3		–2.03	4
1.2	$-\sqrt{3}$	–7	$\sqrt{36}$	–2	–4
15	9/3	–6/3	–5	–1/2	$\sqrt{9}$
1/2	12.5	–1/3	5	$\sqrt{3}$	6
3.14	–10	7	0	–50.4	8/2
3/4	–3	–16/4	3	–8.43	–3/4

20 Things to know about Sports

1

a. Tiger Woods
b. Dhyan Chand
c. Sunil Gavaskar
d. Dola Bannerjee
e. Steffi Graf

2

a. Althea Gibson
b. Michael Schumacher
c. Brian Lara
d. Sachin Tendulkar
e. Anil Kumble

3

a. Kite-fightiring
b. Water Polo
c. Canoeing
d. Water rafting
e. Water skiing

4

a. Football/Soccer
b. England
c. Japan
d. 18
e. Russia

21 Yoga For Teens

1

a. Kumbhakasana
b. Baddha Konasana
c. Adho mukha savanasana
d. Uttanasana
e. Tadasana

3

Yoga helps to decrease stress
It improves flexibility
It develpour muscle strength
It improves cardio and circulatory helth
It helps to maintain a balanced metabolism