

ANSWERS

Unit-1 Plants Around Us

Ch-1 Mode of Nutrition and Plants

1. Germination
2. Photosynthesis
3. Autotrophs
4. Epiphytus
5. Fern
6. Saprotrops
7. Infloscenes
8. Pollination

Ch-2 Adaptation in Plants

1. Resurrection fern
2. Mistletoe
3. Joshua
4. Water hycinth
5. Mangroves

Ch-3 Herbal Medicines

1. Cinchona
2. Isabgol
3. Opium
4. Tulsi
5. Neem
6. Amla

Ch-4 Deadly Plants

1. Rosary Pea
2. Cockoo Pint
3. Desert Rose
4. Hemlock
5. Birthwort
6. Deadly Nightshade
7. Fly Algaric
8. Death Cap

Ch-5 Magnificent Trees

1. Tree of Tenere
2. Baobab
3. Sri Maha Bothi
4. Pando
5. Chapel-Oak of Allouville-Bellefosse
6. Tree Circus

Unit-2 Animals Kingdom

Ch-7 Animal Sports

1. Cock fighting
2. Show jumping
3. Polo
4. Grey hound racing
5. Oranguton boding
6. Bull riding
7. Bull fighting

Ch-8 Marine Life

1. Whale shark
2. Starfish
3. Pufferfish
4. Kelp
5. Scallop
6. Giant clam
7. Lantern fish
8. Manatee
9. Red algae or Rhodophyta
10. Sargassum
11. Jelly fish
12. dugong

Ch-9 Feathered Creatures

1. Toucan
2. Vulture
3. Flamingo
4. Pheasant
5. Pelican
6. Falcon
7. Robin

Ch-10 Unique Animals

1. Alcapa
2. Caracal
3. Emu
4. Chevrotain
5. Gibbon
6. Hedgehog

Ch-11 Endangered Animals

1. Giant panda
2. Attenborough's Long-beaked echidna
3. Bactrian camel
4. Hawkbill turtle
5. Slender Loris
6. Hirola antelope
7. Golden-rumped elephant shrew
8. Long-eared Jerboa

Ch-12 Big Sea Creatures

1. Great white shark
2. Sperm
3. Carpet
4. Porpoises
5. Sand Sharks
6. Thresher shark
7. Blue Whale
8. Basking shark
9. Cat shark
10. Humpback Whale
11. Baleen whale
12. Tiger shark

Unit-3 My India

Ch-13 Famous NRI's

1. Sabeer Bhatia
2. Swaraj Paul
3. Satya Nadela
4. Indra Nooyi
4. Shashi Tharoor
5. Amartya Sen

Ch-14 Famous Libraries in India

1. Khuda Baksh Oriental Public Library
2. Nehru Memorial Museum & Library
3. State Central Library
4. National Library
5. Saraswathi Mahal Library
6. Seshadri Memorial Library

Ch-15 Touring Central India

1. Orchha
2. Bhopal
3. Shivpuri
4. Sanchi
5. Kalinjar
6. Mandu

Ch-16 Successful Women

1. Aruna Asaf Ali
2. Tabu
3. Amrita Pritam
4. Zohra Sehgal
5. Sudha Murthy
6. Anjolic Ela Mennor
7. Mahashweta Devi
8. Homi Vyar Wala
9. Zoya Akhtar
10. Ela Bhatt

Ch-17 First Indian Women

1. Isha Basant Joshi
2. C.B. Muthamma
3. Malini Parthasarathy
4. Mrs Rama Devi
5. Cornelia Sorabbi

6. Santosh Yadav
7. M. Fathima Beevi
8. Mother Taresa
9. Neerja Bhanot
10. Vijay Laskshmi Pandit

Ch-18 Great Freedom Fighters

1. Bhagat Singh
2. Subahsh Chandra Bose
3. Maulana Abdul kalam Azad
4. Ashfaqulla Khan
5. Khudirant Bose
6. Sardar Vallabh Bhai Patel

Ch-19 Beauty Queens of India

1. Reita Faria
2. Ashwarya Rai
3. Diana Hayden
4. Yukta Mukhey
5. Manushi Chiller
6. Priyanka Chopra

Ch-20 Awards in India

1. Padma Vibushan
2. Padma Shri
3. Padma Bushan
4. Dadasaheb Phalke Award
5. Arjuna Award
6. Dronacharya Award
7. Indira Gandhi
8. Nehru Literary Award

Unit-4 The World Around Us

Ch-21 World Tallest Buildings

1. The Burj Khalifa
2. Shanghai Tower
3. Lotte World Tower
4. Abraj-al Bait
5. Taipei 101
6. Lakhta Centre

Ch-22 Seven Wonders from the Past

1. Great Wall of China
2. Colosseum
3. Stonehenge
4. Leaning Tower of Pisa
5. Porcelain Tower of Nanjing
6. Catacombs of Kom El Shoqafa
7. Hagia Sophia

Ch-23 Famous Politicians of the World

1. Joh F. Kennedy
2. Margaret Thatcher
3. Martin Luther King Jr
4. Mikhail Gorbacher
5. Winston Churchill
6. Abraham Lincoln

Ch-24 Talking 21st Century

1. Kidambi Srikanth
2. Golden Temple
3. Himachal Pradesh
4. Severe Acute Respiratory Syndrome (SARS)
5. Israel
6. 48 Kg category
7. Iraq
8. France

Ch-25 Historical Personalities

1. Ashoka
2. Cleopatra
3. Genghis Khan
4. Bairam Khan
5. Maharana Pratap
6. Lakshmi Bai
7. Razia Sultana
8. Sher Shah Suri

Ch-26 Famous Sculptures

1. The Venus de Milo
2. Hermes
3. Savannah Bird Girl Statue
4. The Thinker Statue
5. The Pieta
6. Lady Justic Statue
7. Statue of David
8. The Discus Thrower

Ch-27 Famous People of the World

1. Marilyn Monroe
2. Nelson Mandela
3. Albert Einstein
4. Leonardo da Vinci
5. Benazir Bhutto
6. Fidel Castro
7. Usain Bolt
8. Lionel Messi

Ch-28 Tech Trailblazer

1. Sabeer Bhatia
2. Douglas Engelbart
3. Tim Berners-Lee
4. Grace Hopper
5. Martin Cooper
6. Jack Kilby

Ch-29 Noted Auto-Biographies

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

Unit-5 Language & Literature

Ch-30 Ancient Indian Literature

1. Panchatantra
2. Hitopadesha
3. Mahabharata
4. Kathasaritsagara
5. Brihatkatha

Ch-31 Proverbs and Idioms

A

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

B

1. at home
2. grow fonder
3. master of none
4. nothing gained
5. than words
6. of the beholder
7. get the worm
8. but it pours
9. want not
10. but prepare for worst

Ch-32 New Jargon

1. e
2. a
3. l
4. h
5. c
6. k
7. d
8. i
9. b
10. g
11. j
12. f

Ch-33 Building Vocabulary

1. twinkle toes
2. think on this feet
3. blue-eyed boy
4. an ear to the ground
5. hand in glove with
6. has a green
7. had butter fingers
8. at arm's length
9. red-handed
10. tongue-in-cheek

Ch-34 Books Galore

1. Canterbury Tales
2. Gitanjali
3. The Good Earth
4. Ain-i-Akbari
5. Arthashastra
6. Farewell
7. Divine Comedy
8. The Bhagavad Gita

Ch-35 Abbreviations

1. National Aeronautics and Space Administration
2. Essential Service Maintenance Act
3. United States Marine Corps
4. Wavelength Absorption for Visual Enhancement
5. United Nations Children's Fund
6. Voluntary Disclosure of Income Scheme
7. Objectives Structured Clinical Examination
8. Southeast Asia Treaty Organization
9. National Centre for Higher Education
10. International Development Research

Centre

11. Young Women's Christian Association
12. Indian Renewable Energy Development Agency

Ch-36 Spicy Bites

1. Mango Powder
2. Curry Leave
3. Saffron
4. Cardamon
5. Ginger
6. Asafoetida
7. Turmeric
8. Garlic
9. Dry Ginger
10. Bay Leaf
11. Sesame
12. Tamarind
13. Cumin
14. Carom Seed
15. Black Pepper
16. Nutmeg
17. Fenel
18. Red Chilli

Ch-37 Common Idioms

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

Unit-6 Science & Technology

Ch-38 Infectious Diseases

1. Influenza
2. Measles
3. Bubonic Plaque
4. Hon Kong Flu
5. Tuberculosis
6. Cholera
7. AIDS

Ch-39 Tools and Machines

1. Wedges
2. Electricity Generator
3. Windmill
4. Lever
5. Screw
6. Pulley
7. Metro
8. Magnate
9. Pump
10. Gear
11. Submarine
12. Shovel

Ch-40 Great Scientists of the World

1. Hipparchus
2. Sushruta
3. Wilhelm Wundt
4. Euclid
5. Aristotle
6. Charles Babbage
7. Hippocrates
8. Gregor Mendel
9. Theophrastus
10. S.Hahnemann

Ch-41 Scientific Terminology

1. Meadows
2. Hormones
3. Eclips
4. Virus
5. Aquatic
6. Deficiency
7. Condensation
8. Acid

Ch-42 Space Terminology

1. Heliosphere
2. Binary Star
3. Black Hole
4. Galileo Galilei
5. Sumerian
6. Nebula
7. Shoemaker-Levy
8. Urans

Ch-43 Arms of Science

1. h
2. b
3. l
4. a
5. c
6. g
7. o
8. m
9. f
10. j

11. n 12. d 13. i 14. k 15. e

Ch-44 Unusual Transports

1. Metro 2. Hovercraft
3. Monorail System 4. Maglev
5. Hot air Balloon 6. Cruise

Unit-7 Sports & Entertainment

Ch-45 Famous Magicians

1. Harry Houdini
2. David Copperfield
3. Siegfried and Roy
4. Lance Burton
5. Doug Henning
6. David Blaine
7. Penn and Teller
8. Derren Brown

Ch-46 Adventure Sports

1. Hot air ballooning 2. Hang gliding
3. Paragliding 4. Parapenting
5. Tarzan swing 6. Zorbing
7. Rock climbing 8. Canyoning
9. Snow skiing 10. River rafting
11. Snowboarding

Ch-47 Sport Quiz

1. Shooting
2. PyeongChang 2018 Winter Olympics
3. Fifa World Cup, Germany
4. P. V. Sindhu
5. (a) Hockey India League
(b) Indian Super League
(c) Indian Badminton League
(d) Pro Kabaddi League
6. Golf
7. Vijender Singh
8. Sushil Kumar
9. Amateur Boxing

Ch-48 Personalities from Hollywood

1. Johnny Depp
2. Russell Crowe
3. Brad Pitt
4. Daniel Craig
5. Angelina Jolie
6. Leonardo DiCaprio
7. Tom Cruise
8. Kate Winslet

Ch-49 Martial Arts

1. Judo 2. Karate
3. Taekwondo 4. Kendo
5. Kung Fu 6. Aikido

Ch-50 Famous Hollywood Legends

1. Elizabeth Taylor
2. Anthony Hopkins

3. Stan Laurel and Oliver Hardy
4. Marilyn Monroe
5. Humphrey Bogart
6. Ingrid Bergman
7. Clark Gable
8. Charlie Chaplin

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1. Kelucharan Mohapatra
2. Sarosa
3. Birju Maharaj
4. Natya Shastra
5. Dumhal
6. Mohiniattam
7. Kudipudi
8. Sangeet Natak Akademi

Ch-52 Balls 'n' Balls

1. Baseball 2. Hockey
3. Cricket 4. Football
5. Volleyball 6. Lawn Tennis
7. Rugby 8. Golf
9. Polo 10. Basketball
11. Table Tennis 12. Snooker

Unit-8 Values & Life Skills

Ch-54 Yogasans

1. Chakrasana 2. Matsyasana
3. Dhanurasana 4. Makarasana
5. Trikonasana 6. Shavasana

Unit-9 Brain Teaser

Ch-55 Brain Teaser

1. Well, the score before any football game is always zero to zero
2. You do not bury the SURVIVORS
3. Hot is faster, because you can catch a cold
4. Half way, After that he is running out of the wood
5. Meat
6. They all do
7. Corn on the cob
8. S, O, N, this sequence is first letter of the names of months
9. Fire
10. The baby, because he is a little bigger
11. Neither, Both weigh pond
12. A sponge

Ch-56 Math Riddles

1. a girl, 12.5 kg 2.
3. 12 inches
4. 1, 2, 43, 86
5. 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71

4	9	2
3	5	7
8	1	6

6. 1
7. It is not possible to make triangle
8. 11, 23, 83, 97, 101, 109
9. 41
10. (a) a^2+b^2+2ab
(b) a^2+b^2-2ab
(c) $a^3+b^3+3a^2b+3ab^2$
(d) $a^3-b^3-3a^2b+3ab^2$
(e) a^2-b^2
11. 1998
12. 3, 2, 1, 4, 5
13. Circular
14. 6

Ch-57 What Comes Next?

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

Ch-58 Riddle

1. There weren't and stairs, it was one storey house
2. 70, half is equal to 0.5
3. The woman is blind and is reading braille

4. (a) (b)

1	7	3	6	2	5	9	4	8	7	4	5	3	2	1	6	8	9
2	8	4	1	7	9	3	6	5	9	1	2	6	5	8	7	4	3
9	5	6	4	3	8	1	7	2	3	8	6	9	4	7	2	1	5
4	1	9	7	6	2	5	8	3	2	9	7	5	3	4	1	6	8
6	2	5	3	8	4	7	1	9	8	6	3	1	7	2	9	5	4
8	3	7	9	5	1	6	2	4	4	5	1	8	6	9	3	2	7
3	4	2	5	1	6	8	9	7	1	2	4	7	8	3	5	9	6
7	6	8	2	9	3	4	5	1	6	7	8	2	3	5	4	3	1
5	9	1	8	4	7	2	3	6	5	3	9	4	1	6	8	7	2

5. The house is on the north pole, 30th the bear is white
6. Naina 7. E
8. 1 hours 9. 1/3

Unit-10 Mixed Bag

Ch-60 Catchy Slogans

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