

UPDATED

WOW!

WORLD WITHIN
WORLDS

7

A General Knowledge series

ANSWER KEYS



Chapter 1: In the wilderness

Page 7

A: 1. tiger; 2. cheetah; 3. jaguar; 4. leopard; 5. cougar

Page 8

B.1. Assam; 2. orangutan; 3. South America; 4. Brazil; 5. Malaysia; 6. Dominican Republic; 8. anaconda

Page 9

C. 1. a); 2. b); 3.d); 4.c)

Chapter 2: Endangered and extinct

Page 10

A: 1. Ganges River dolphin; 2. red panda; 3. polar bear; 4. gharial

Train your brain: 57.76%, 74.79%

Page 11

B. 1. Woolly mammoth; 2. Dodo; 3. Caribbean monk seal; 4. sea mink; 5. Western black rhinoceros

Chapter 3: Marine life

Page 14

A. 1. stonefish; 2. sailfish; 3. dwarf seahorse; 4. sea anemone; 5. Kelp; 6. *paedocypris progenetica*

Train your brain: 1. b); 2.a); 3.d); 4.c)

Page 15

B. 1. False. The whale shark is the largest type of shark; 2 False. Salmon can live in both fresh and salt water; 3. True; 4. True; 5. True; 6. False. An octopus has three hearts; 7. False. Its heart lies in its head; 8. True; 9. True; 10. False. It can be fatal if not prepared properly and requires a specially trained chef.

Chapter 4: Nobel prize

Pages 16 & 17

A. 1. Malala Yousafzai; 2. Rabindranath Tagore; 3. Kailash Satyarthi; 4. CV Raman; 5. Wangari Maathai; 6. Amartya Sen; 7. Mohammad Yunus; 8. Tu Youyou; 9. Charles K Kao

Chapter 5: United Nations

Page 18

A: 1. Atal Bihari Vajpayee; 2. World War II; 3. Vijaya Lakshmi Pandit; 4. António Guterres; 5. South Sudan; 6. New York

Let's think: Kosovo is not recognised by enough UN members, Taiwan's place was taken by China in 1971, and Vatican City is not a member for religious reasons.

Page 19

B: 1. General Assembly; 2. Security Council; 3. The Secretariat; 4. The Economic and Social Council; 5. The International Court of Justice

C: 1. United Nations Children's Fund; 2. World Food Programme; 3. United Nations Environment Programme; 4. World Health Organization; 5. International Monetary Fund

Chapter 6: Express yourself

Page 20

Just for Fun: Glossophobia

Page 21

B. 1. Mahatma Gandhi; 2. Rosa Parks; 3. Lady Gaga; 4. Oprah Winfrey; 5. Vandana Shiva

C. 1. e) to make false promises; 2. d) to speak in an indirect manner; 3. a) to have an amiable relationship with someone; 4. b) to speak harshly; 5. c) to talk very fast

Chapter 7: Global warning

Page 24

A. 1. fact; 2. fact; 3. myth, it takes nearly 100 years; 4. fact; 5. fact; 6. fact; 7. fact; 8. fact

Let's Think: China

Chapter 8: Risks and thrills

Page 25

A. 1. skydiving; 2. highlining; 3. wingsuit jumping; 4. free climbing; 5. creaking

Just for fun: ice climbing

Page 26

B. 1. True, 2. False, 3. True, 4 False, 5. True

C. 1. *mallakhamb*; 2. *kalaripayattu*; 3. *thang ta*; 4. *pari khanda*; 5. *gatka*; 6. *silambam*

Page 27

D. 1. Geeta Tandon; 2. Dipa Karmakar; 3. MC Mary Kom; 4. Archana Sardana; 5. Ishita Malaviya; 6. Shital Mahajan

Chapter 9: Quest for discovery

Page 28

A. 1. Marie van Britten Brown; 2. Wilson Greatbach; 3. Jaap Haartsen; 4. Martin Cooper; 5. Jan Koum; 6. Ajay Bhatt

Page 29

B. 1. post-it; 2. popsicle; 3. chewing gum; 4. stainless steel; 5. superglue; 6. teflon

Just for fun: They were all invented by women.

Page 30

C. 1. James Cameron; 2. Hiram Bingham III; 3. H K Madhawl; 4. Sylvia Earle

Page 31

D. 1. True; 2. False, she was American; 3. True; 4. True; 5. False, he took 40 days 23 hours and 30 minutes; 6. True; 7. True; 8. False, Michael Palin undertook the journey; 9. True; 10. False, Juan Sebastián Elcano

Chapter 10: Around the world

Page 32

A. 1. Trevi Fountain; 2. Mount Rushmore; 3. Oriental Pearl Tower; 4. La Familia Sagrada; 5. Angkor Wat; 6. Blue Mosque

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Page 33

- B. 1. Thailand; 2. Ankara; 3. Beijing; 4. Iraq; 5. Taiwan; 6. Cambodia; 7. Ho Chi Minh City; 8. Toronto
C. 1. Mexico; 2. China; 3. United Kingdom; 4. Moscow; 5. Spain; 6. Germany

Page 34

- D. 1. *Haka*; 2. *Thaipusam*; 3. *San Fermín*; 4. *Polternabend*; 5. *El Colacho*

Page 35

- E. 1. Hungary; 2. Niger; 3. Italy; 4. Mexico; 5. Venezuela; 6. Ecuador; 7. Norway; 8. Iceland; 9. Cuba; 10. Puerto Rico; 11. Finland; 12. Sweden

Page 36

- F. 1. *The Voyage of the Beagle*; 2. *A Walk Across America*; 3. *In Patagonia*; 4. *Around the World in 80 Days*

- G. 1. *Eat, Pray, Love*; 2. *Into the wild*; 3. *Piku*; 4. *Queen*

Train your Brain: *Carpe Diem* is Latin for ‘seize the day’; *Arigato Gozaimasu* is Japanese for ‘thank you very much’; *Shalom*’ is Hebrew for ‘Hello’; *Spasiba* is Russian for ‘thank you’, and *Enchante* is French for ‘nice to meet you’.

Chapter 11: Alluring Australia

Page 38

- A. 1. Tasmanian devil; 2. koala; 3. emu; 4. anteater; 5. Death Adder; 6. goanna; 7. galah; 8. numbat

- B. 1.c) Sydney Opera House; 2.d) Shark Bay; 3.b) Uluru; 4.a) Shrine of Remembrance

Train your Brain: The current rate of AUD is 50.51 per INR. Therefore, INR 35,635 in AUD is $(35,635/50.51) = 705.50$ AUD

Page 39

- C. 1. Mt Kosciuszko; 2. River Murray; 3. Lake Eyre; 4. The Outback; 5. Daintree National Park

- D. 1. Brian Paul Schmidt; 2. Nicole Kidman; 3. Julia Gillard; 4. Rupert Murdoch; 5. Iggy Azalea

Chapter 12: Castles, palaces, and forts

Page 40

- A. 1. Hohenwerfen Castle; 2. Citadel of Aleppo; 3. Château de Chambord; 4. Malbork Castle; 5. Prague Castle

Page 41

B: 1. Himachal Pradesh; 2. Telangana; 3. Rajasthan; 4. Maharashtra; 5. Karnataka; 6. Goa

Train your brain: 1. dungeon; 2. battlement; 3. moat; 4. turret; 5. barbican

Chapter 13: Blast from the past

Page 42

A. 1.c) Egyptian; 2.a) French; 3.c) Samurai; 4.a) Iceland; 5.c) Damascus

Page 43

B. 1. Sanchi Stupa (Madhya Pradesh); 2. Mehrangarh Fort (Jodhpur); 3. Nalanda University (Bihar); 4. Qutub Minar (Delhi); 5. Tabo Monastery (Tabo); 6. Virupaksha Temple (Pattadakal); 7. Chand Baori (Abhaneri); 8. Rani ki Vav (Patan)

Just for fun: Kanpur & Nagpur

Page 44

C. 1. False, it was fought in Cuba; 2. True; 3. False, neither won the war. It ended when Iran agreed to accept the United Nations Resolution that called for an immediate ceasefire; 4. True; 5. True; 6. True; 7. False, it began after Iraq invaded Kuwait; 8. True; 9. False, it ended with a ceasefire agreement by both the sides ; 10. True

Page 45

D. 1. d) World War II; 2. e) Kargil War; 3. g) World War I; 4. k) Iraq War; 5. l) Spanish Civil War; 6. n) Cuban Revolution; 7. m) Gulf War; 8. c) Sri Lankan Civil War; 9. h) Battle of Mogadishu; 10. f) Vietnam War; 11. a) Hutu-Tutsi War; 12. b) Sino-Japanese War of 1937; 13. j) Indo-Pak War; 14. i) American Civil War

Chapter 14: War of words

Page 46

A. 1. a) greeting; 2. c) meagre; 3. c) constrict; 4. a) Globe Theatre; 5. b) four; 6. C Arundhati Roy; 7. a) irony; 8. c) to be idle; 9. b) a pangram; 10, a) tautonym

Page 47

B. 1. orthography; 2. onomatopoeia; 3. simile; 4. hyperbole; 5. monologue; 6. etymology; 7. autonym; 8. heteronyms

Page 48

C. 1. fact; 2. fiction; 3. fact; 4. fiction; 5. fact; 6. fact;

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D. 1. b) hello; 2. f) seize the day; 3. g) social blunder; 4. h) with regard to; 5. a) in large numbers; 6. e) mode of operation; 7. c) open air; 8. d) what will be, will be

Chapter 15: Bookworm

Page 49

A. 1. b) JRR Tolkein; 2. c) Agatha Christie; 3. a) *Five Point Someone*; 4. c) JK Rowling; 5. c) Satyajit Ray; 6. a) Roopa Pai; 7. c) William Dalrymple

Page 50

B. 1. Arundhati Roy; 2. Toni Morrison; 3. Ernest Hemmingway; 4. V S Naipaul; 5. Salman Rushdie; 6. J M Coetzee; 7. Aravind Adiga; 8. Kiran Desai

Page 51

C. 1. *Lootera*; 2. *There Will be Blood*; 3. *Othello*; 4. *Lion*; 5. *Murder on the Orient Express*; 6. *Wonder*

Train your brain: 250 pages

Chapter 16: Music euphony

Page 54

A. 1. b) ravine; 2. c) a cappella; 3. a) clef; 4. b) *varnam*; 5. a) crescendo; 6. b) interlude; 7. a) improvisation; 8. a) gospel

Train your brain: Rs. 534 approx.

Page 55

B. 1. c) bongo; 2. b) trombone; 3. c) 4; 4. a) a drum; 5. b) ghatam

C. 1. Taylor Swift; 2. Beyonce; 3. Avial; 4. Sunidhi Chauhan; 5. AR Rahman

Chapter 17: Art zone

Pages 56

A. 1. g) Jamini Roy; 2. f) SH Raza; 3. e) SL Haldankar; 4. j) S Elayaraja; 5. i) Nandalal Bose; 6. a) Tyeb Mehta; 7. h) Abanindranath Tagore; 8. c) Raja Ravi Verma; 9. d) Amrita Sher-Gil; 10. b) MF Hussain

Page 57

B. 1. Shilpa Gupta; 2. Bharti Kher; 3. Zarina Hashmi; 4. Reena Saini Kallat; 5. Sheela Gowda

Page 58

C. 1. Diego Rivera; 2. Sudershan Patnaik; 3. Andy Warhol; 4. Subodh Gupta; 5. Jackson Pollock

Chapter 18: Time to play

Page 59

A. 1. fact; 2. fact; 3. fact; 4. fiction; 5. Fact; 6. Fact; 7. fiction; 8. fact; 9. fact; 10. fiction

Page 60

B. 1. Neeraj Chopra; 2. PV Sindhu; 3. Sakshi Malik; 4. Mithali Raj; 5. Devendra Jhajharia; 6. R Ashwin

Page 61

C. 1. Kapu Ku'ialua; 2. Bokator; 3. Bacom; 4. Muay Thai

D. 1. Jean-Claude Van Damme; 2. Tony Jaa; 3. Michael Jai White; 4. Bruce Lee

Chapter 19: Math-a-thon

Page 62

A. 1. Pythagoras; 2. Euclid; 3. Bertrand Russell; 4. Aryabhata; 5. Andre Weil

Page 63

B. 1. John Nash; 2. Srinivasa Ramunajan; 3. Allan Turing; 4. Stephen Hawking; 5. Paul Erdős

Train your brain: They are roman numerals so if you run a line through the middle of twelve (XII) and thirteen (XIII), the top section will look like seven (VII) and eight (VIII) respectively

Chapter 20: Science quiz

Pages 64 & 65

A. 1. APJ Abdul Kalam; 2. Subrahmanyam Chandrasekhar, 3. Vikram Sarabhai; 4. Janaki Ammal; 5. Salim Ali; 6. Homi Bhabha; 7. Asima Chatterjee; 8. Tessy Thomas; 9. Aditi Pant

B. 1. c) atomic bomb; 2. a) penicillin; 3. e) polio vaccine; 4. b) rockets; 5. d) vitamins

Let's think: Satyendra Nath Bose—wireless communication; CV Raman—the Raman effect and light scattering; Meghnad Saha—Saha ionisation equation

Page 66

C. 1. False, the neurons are the longest living cells; 2. False, sound travels faster in water than in air; 3. True; 4. True; 5. True; 6. True; 7. False, gastric acid is produced in our stomachs; 8. False, it is caused by the spore-forming bacteria called bacillus anthracis; 9. False, convex mirrors are called diverging mirrors; 10. True

Train your brain: H₂O₂ is hydrogen peroxide, more commonly known as bleach and highly poisonous!

Chapter 21: Tech trivia

Page 67

A. 1. c) robotic vacuum cleaner; 2. e) robotic maps; 3. a) robotic pool cleaner; 4. b) smart TV plug-in; 5. d) low fat cooking and baking

B. 1. Vijay Shekhar Sharma, Paytm; 2. Jack Dorsey, Twitter; 3. Kevin Systrom, Instagram; 4. Reid Hoffman, LinkedIn; 5. Luis von Ahn and Severin Hacker, Duolingo; 6. Sergei Brin and Larry Page, Google

Page 70

C. 1.b) Dell; 2.c) Amazon; 3.c) Google; 4.c) Hewlett-Packard; 5.a) Alibaba; 6.a) Lenovo; 7.b) Samsung; 8.a) Ubuntu

Chapter 22: Money, money, money

Page 72

A. 1.f) India's International Bank; 2.b) Build a better life around us; 3.e) Trusted family bank; 4.g) A friend you can bank on; 5.h) Hum hain na, Khayaal aapka; 6.c) Experience our expertise; 7.a) Serving to Empower; 8.d) Honours Your Trust

Train your brain: 4 years;

Explanation: Time = (100 x 81) / (450 x 4.5) years = 4 years

Activity 1: Over the years

Pages 73 & 74

1. Artificial intelligence is the simulation of human intelligence by machines.
2. Artificial intelligence (AI) can be used in a multitude of ways. It has been applied in driverless cars to self-park, navigate, and detect collisions. In news and entertainment, AI can be used in interactive ways like video games, music players, online radio, etc. AI can also

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be used in education for online tutoring and problem solving. AI is already in use in smart phones through Virtual Persona assistants like Siri, Cortona, and Google Now. This could later extend to more activities and 360-degree personal assistance.

3. Since nanotechnology can significantly reduce the size of objects, scientists believe that they will soon be able to develop batteries and panels that contain enough energy to power vehicles, while will also be small enough to fit in them. This will address the problem of pollution and the dependence on fossil fuels.

4. 3D printing could be used to produce items currently made out of non-biodegradable plastic, thereby reducing the pollution of production and disposal. 3D printing also produces what is required and in the desired quantity, preventing wastage. 3D printing, if in the wrong hands, can be used to illegally produce weapons and harmful drugs.

5. Space X. First expected in 2022 with an estimated cost of \$200,000 per seat.

6. A robot. It was developed by Honda.

7. Hyperloop is a transport technology that is revolutionary. Since it will make use of a vacuum tunnel, it will considerably reduce travel time and pollution from the use of fossil fuels since the technology aims to be a low-power consumption one.

8. Augmented Reality is a technology that presents a real-time view of one's surroundings that have been embellished or augmented with virtual elements. Sony has released a headset that can be bought to play games in augmented and virtual reality.

9. Bionics are mechanical objects that can replace lost limbs or eyes. Bionic limbs will enable amputees to walk in a more natural manner at normal speeds and even be able to run. Those who have lost arms can have a fully functioning bionic limb capable of complex tasks like folding clothes and grasping delicate items.

10. Holograms are 3D virtual representations. One can virtually teleport themselves thousands of miles away to attend a meeting. Hologram keyboards are being developed that will replace physical keyboards. Concerts and movies can be played in holograms which will provide an almost real-life experience, and consumers will be able to 'see' products up close before buying them online.

Activity 2: Tryst with Destiny

Pages 75 & 76

1. 14 August 1947 at the Red Fort;
2. He was elected to be the first PM of India;
3. The Partition of India—a new country Pakistan was created and mass migration began which was violent and fatal for millions;
4. the assassination of Mahatma Gandhi;
5. Bangladesh;

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6. The Indus Valley rivers flowed through India first and then onto Pakistan. The conflict was resolved through the Indus Waters Treaty of 1960 signed in Karachi by which the Beas, Ravi, and Sutlej were given to India, and the Indus, Chenab, and Jhelum were given to Pakistan;
7. Nagaland, Meghalaya, Mizoram, and Arunachal Pradesh;
8. At the stroke of the midnight hour, when the world sleeps, India will awake to life and freedom;
9. Positive—provide encouragement, hope, advice, laughter, strength etc Negative—can cause feelings of anger, resentment, hopelessness, rejection, dismissal etc;
10. Suggested answers (answers may be those that are not mentioned here also):
Books—*Pinjar* by Amrita Pritam; *Train to Pakistan* by Kushwant Singh; *Midnight's Children* by Salman Rushdie
Films—*1947 Earth*; *Train to Pakistan*; *Gadar: Ek Prem Katha*

Test Paper 1

Page 77

- A. 1. tiger; 2. anaconda; 3. Malala Yousafzai; 4. António Guterres; 5. James Cameron
- B. 1. woolly mammoth; 2. Gatka; 3. Tiananmen Square; 4. Tasmanian devil
- C. 1. octopus; 2. Haka; 3. River Murray; 4. Nicole Kidman
- D. 1. true; 2. true; 3. false; 4. true; 5. true

Test Paper 2

Page 78

- A. 1. cougar; 2. squid; 3. Homi Bhabha; 4. Rosa Parks; 5. Shital Mahajan
- B. 1. dodo; 2. Bruce Lee; 3. Prague Castle; 4. William Dalrymple
- C. 1. Rome; 2. Sydney; 3. Shanghai; 4. Tabo; 5. Barcelona; 6. Cambodia; 7. Jodhpur; 8. Madrid; 9. London; 10. 4. Moscow
- D. 1. Bokator; 2. Portuguese; 3. Peking; 4. Muay Thai

Test Paper 3

Page 79

- A. 1. a) New York; 2. b) Arunima Sinha; 3. a) crescendo; 4. c) Beijing; 5. b) Dell

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- B. 1. bongo; 2. Sanchi Stupa; 3. Mount Rushmore; 4. Deepa Malik
C. 1. barbican; 2. carpe diem; 3. meagre; 4. pangram
D. 1. Tu Youyou; 2. skydiving; 3. Marie van Britten Brown; 4. San Fermín; 5. *Around the World in 80 Days*

Test Paper 4

Page 80

- A. 1. Amazon rainforest; 2. Goliath birdeater; 3. polar bear; 4. Mariana Trench; 5. stonefish
B. 1. true; 2. false; 3. false; 4. true; 5. false
C. 1. Kailash Satyarthi; 2. MC Mary Kom; 3. Christopher Columbus; 4. Archana Sardana
D. 1. Rupert Murdoch; 2. Samurai; 3. Iceland; 4. Rudyard Kipling

Answers to Additional Questions

1. d); 2. a); 3. b); 4. b); 5. a); 6. b); 7. c); 8. c); 9. b); 10. d); 11. d); 12. d); 13. b); 14. b); 15. c);
16. d); 17. c); 18. d); 19. d); 20. d)

Answers to Worksheets

Chapter 1: In the wilderness

Worksheet 1

- A. 1. water hemlock; 2. orangutans; 3. Danum Valley; 4. Boiling Lake; 5. tiger; 6. cheetah; 7. cougar
B. 1. True; 2. False; 3. True; 4. False; 5. False; 6. True; 7. True
C. 1. thorny dragon; 2. umbonia spinosa; 3. bongo; 4. narwhal

Worksheet 2

- A. 1. b) cougar; 2. a) Assam; 3. c) anaconda; 4. a) Amazon; 5. c) Goliath birdeater; 6. b) tiger;
7. b) Boiling
B. 1. leopard; 2. cheetah; 3. jaguar; 4. cougar

Chapter 2: Endangered and extinct

Worksheet 1

- A. 1. sea mink; 2. western black rhinoceros; 3. polar bear; 4. gharial; 5. woolly mammoth
- B. 1. False; 2. True; 3. True; 4. True; 5. False
- C. 1. c) sea wolf; 2. a) dodo; 3. b) North America; 4. a) red panda

Worksheet 2

- A. 1. d) red panda; 2. f) polar bear; 3. e) dodo; 4 b) Caribbean monk seal; 5. a) wolly mammoth; 6. c) sea mink

Chapter 3: Marine life

Worksheet 1

- A. 1. Mariana Trench; 2. Indian, Pacific; 3. polyps; 4. phytoplankton; 5. salmon
- B. 1. True; 2. True; 3. False. Green turtles are found in the Atlantic and Pacific Oceans; 4. False; 5. True; 6. True; 7. False; 8. True
- C. 1. jellyfish; 2. stonefish; 3. sailfish; 4. dwarf seahorse

Worksheet 2

- A. 1. a) green turtles; 2. c) jellyfish; 3. c) starfish; 4. a) parrotfish; 5. b) clownfish
- B. 1. whale shark; 2. dwarf seahorse; 3. stonefish; 4. kelp; 5. *paedocypris progenetica*
- C. 1. True; 2. False; 3. False; 4. True; 5. True

Chapter 4: Nobel prize

Worksheet 1

- A. 1. Marie Curie; 2. Charles K Kao; 3. Muhammad Yunus; 4. Amartya Sen; 5. Tu Youyou; 6. Rabindranath Tagore; 7. Malala Yousafzai; 8. Wangari Maathai
- B. 1. False; 2. False; 3. True; 4. True; 5. False; 6. True
- C. 1. c) medicine; 2. d) literature; 3. a) physics; 4. e) peace; 5. b) economics

Worksheet 2

- A. Malala Yousafzai; 2. Rabindranath Tagore; 3. Kailash Satyarthi; 4. CV Raman; 5. Wangari Maathai; 6. Amartya Sen; 7. Mohammad Yunus; 8. Tu Youyou; 9. Charles K Kao

Chapter 5: United Nations

Worksheet 1

- A. 1. Atal Bihari Vajpayee; 2. Antonio Guterres; 3. South Sudan; 4. New York City; 5. Vijaya Lakshmi Pandit
B. 1. True; 2. True; 3. False; 4. False; 5. False

Worksheet 2

- A. 1. General Assembly; 2. Security Council; 3. The Secretariat; 4. The Economic and Social Council; 5. The International Court of Justice
B. 1. UNDP; 2. UNICEF; 3. WFP; 4 UNEP; 5. IMF; 6. WHO; 7. UNESCO; 8. ILO

Chapter 6: Express yourself

Worksheet 1

- A. 1. Vandana Shiva; 2. Oprah Winfrey; 3. Rosa Parks; 4. Mahatma Gandhi; 5. Lady Gaga
B. 1. True; 2. False; 3. True; 4. False; 5. True
C. 1. speak with a forked tongue: to make false promises; 2. speaking in circles: to speak in an indirect manner; 3. not on speaking terms: to not have an amiable relationship with someone; 4. speaking a mile a minute: to talk very fast; 5. speak daggers: to speak harshly or maliciously

Worksheet 2

- A. 1. d) Malala Yousafzai; 2. c) Rosa Parks; 3. a) Lady Gaga; 4. e) Oprah Winfrey; 5. b) Vandana Shiva

Chapter 7: Global warning

Worksheet 1

- A. 1. ozone; 2. nitrous oxide; 3. 2016; 4. Arctic; 5. Larsen C
B. 1. True; 2. True; 3. False; 4. False; 5. True; 6. True; 7. False; 8. False

Worksheet 2

- A. 1. c) China; 2. a) deforestation; 3. a) sea level; 4. b) 50; 5. a) Antarctica; 6. b) USA; 7. c) coal; 8. b) Paris; 9. c) 85

Chapter 8: Risks and thrills

Worksheet 1

- A. 1. Arunima Sinha; 2. skydiving; 3. fencing; 4. Shital Mahajan; 5. Ishita Malaviya
- B. 1. True; 2. True; 3. False; 4. False; 5. True
- C. 1. c) Geeta Tandon; 2. d) Dipa Karmakar; 3. a) Archana Sardana; 4 b) MC Mary Kom

Worksheet 2

- A. 1. a) sabre; 2. b) highlining; 3. b) Dipa Karmakar; 4. c) Archana Sardana; 5. a) kayak
- B. 1. wingsuit jumping; 2. free climbing; 3. fencing; 4. mallakhamba; 5. kalaripayattu; 6. thang ta

Chapter 9: Quest for discovery

Worksheet 1

- A. 1. Marie van Britten Brown; 2. Bluetooth; 3. Pacemaker; 4. Jan Koum, Brian Acton; 5. teflon
- B. 1. True; 2. True; 3. False; 4. True; 5. False
- C. 1. Jaap Haartsen; 2. Marie van Britten Brown; 3. Wilson Greatbach; 4. Martin Cooper

Worksheet 2

- A. 1. b) Atlantic Ocean; 2. a) superglue; 3. b) Hiram Bingham III; 4. c) Sir Francis Drake; 5. a) William Perkin
- B. 1. Sir Francis Drake; 2. Christopher Columbus; 3. Hiram Bingham III; 4. Amelia Earhart
- C. 1. d) cell phone; 2. c) artificial pacemaker; 3 e) bluetooth; 4. a) WhatsApp; 5. b) USB

Chapter 10: Around the world

Worksheet 1

- A. 1. Pamplona; 2. Germany; 3. Haka; 4. London, United Kingdom; 5. *Into the wild*
- B. 1. True; 2. True; 3. False; 4. False
- C. 1. Mount Rushmore, USA; 2. La Sagrada Familia, Spain; 3. Angkor Wat, Cambodia; 4. Red Square, Russia
- D. 1. Charles Darwin; 2. Peter Jenkins; 3. Bruce Chatwin; 4. Jules Verne

Worksheet 2

- A. 1. b) Nepal; 2. a) Beijing; 3. c) UAE; 4. c) *San Fermín*; 5. a) Australia
B. 1. Italy; 2. Mexico; 3. Iceland; 4. Finland
C. 1. d) San Juan; 2. c) Caracas; 3. g) Havana; 4. f) Stockholm; 5. h) Budapest; 6. b) Oslo; 7. e) Quito; 8. a) Niamey

Chapter 11: Alluring Australia

Worksheet 1

- A. 1. Golden wattle; 2. Lake Eyre; 3. The Outback; 4. River Murray; 5. Australian Dollar
B. 1. True; 2. True; 3. False; 4. False; 5. False
C. 1. Sydney Opera House; 2. Shrine of Remembrance; 3. Nicole Kidman; 4. Iggy Azalea

Worksheet 2

- A. 1. b) Canberra; 2. c) Julia Gillard; 3. a) Mt Kosciuszko; 4. c) lemur; 5. b) democracy
B. 1. e) Tasmanian devil; 2. c) koala; 3. a) emu; 4. f) anteater; 5. d) goanna; 6. b) numbat

Chapter 12: Castles, palaces, and forts

Worksheet 1

- A. 1. Udaipur; 2. Prague Castle; 3. Poland; 4. Hohenwerfen; 5. Château de Chambord
B. 1. True; 2. False. It is one of the oldest castles; 3. True; 4. False; 5. False
C. 1. Bidar Fort; 2. Citadel of Aleppo; 3. Malbork Castle; 4. Prague Castle

Worksheet 2

- A. 1. b) Hohenwerfen Castle; 2. c) Malbork Castle; 3. a) Citadel of Aleppo; 4. b) Poland; 5. a) King Francis I
B. 1. d) Telangana; 2. a) Goa; 3. f) Himachal Pradesh; 4. b) Maharashtra; 5. c) Karnataka; 6. e) Rajasthan

Chapter 13: Blast from the past

Worksheet 1

- A. 1. Kathryn Bigelow; 2. Kumbhalgarh Fort; 3. Sobekneferu; 4. French; 5. Samurai

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B. 1. True; 2. True; 3. False; 4. False; 5. True

C. 1. b) World War II; 2. a) *Mahabharata*; 3. c) Iceland; 4. a) Taiwan; 5. b) Damascus

Worksheet 2

A. 1. h) Tabo; 2. d) Bihar; 3. i) Delhi; 4. a) Jodhpur; 5. b) Madhya Pradesh; 6. g) Patan; 7. c) Udaipur; 8. f) Pattadakal; 9. e) Abhaneri

B. 1. Kargil War; 2. Cuban Revolution; 3. Spanish Civil War; 4. Gulf War; 5. Sri Lankan Civil War; 6. Battle of Mogadishu; 7. World War I; 8. Indo-Pak War; 9. American Civil War; 10. Hutu-Tutsi War

Chapter 14: War of words

Worksheet 1

A. 1. Spanish; 2. English; 3. Zimbabwe; 4. heteronyms; 5. monologue

B. 1. True; 2. True; 3. False; 4. True; 5. True; 6. False; 7. False; 8. True; 9. False; 10. False

C. 1. d) greeting; 2. e) plentiful; 3. a) tighten; 4. c) to be idle; 5. b) social blunder

Worksheet 2

A. 1. b) Switzerland; 2. a) orthography; 3. c) hyperbole; 4. c) etymology; 5. b) pangram; 6. a); antigram 7. c) Arundhati Roy; 8. a) Globe Theatre; 9. b) seize the day

Chapter 15: Bookworm

Worksheet 1

A. 1. Rudyard Kipling; 2. Toni Morrison; 3. Aravind Adiga; 4. Saroo Brierley; 5. *Five Point Someone*

B. 1. True; 2. True; 3. False; 4. True; 5. False

C. 1. c) JK Rowling; 2. b) William Dalrymple; 3. a) 1981; 4. a) Agatha Christie; 5. c) *Lootera*

Worksheet 2

A. 1. d) *The God of Small Things*; 2. f) *The Old Man and the Sea*; 3. h) *Midnight's Children*; 4. b) *The White Tiger*; 5. a) *Beloved*; 6. e) *In a Free State*; 7. c) *Disgrace*; 8. g) *The Inheritance of Loss*

Chapter 16: Music euphony

Worksheet 1

A. 1. 21 June; 2. Bossa Nova; 3. Cueca; 4. Jazz; 5. Opera; 6. Hip-hop; 7. Taylor Swift; 8. AR Rahman

B. 1. True; 2. True; 3. False; 4. False; 5. False; 6. True; 7. True; 8. False

Worksheet 2

A. 1. a) opera; 2. c) western classical music; 3. b) berber; 4. a) Avial; 5. b) ghatam; 6. c) 4;
7. a) gospel; 8. a) clef

B. 1. f) Berber; 2. g) Carnatic music; 3. e) mambo; 4. h) western classical music; 5. a) bossa
nova; 6. d) opera; 7. c) hip-hop; 8. b) jazz

Chapter 17: Art zone

Worksheet 1

A. 1. Francis Newton Souza; 2. Chandigarh; 3. Frida Kahlo; 4. Diego Rivera; 5. Jackson Pollock

B. 1. True; 2. False; 3. False; 4. True; 5. True

C. 1. Diego Rivera; 2. Sudarshan Pattnaik; 3. Andy Warhol; 4. Subodh Gupta

Worksheet 2

A. 1. b) Andy Warhol; 2. c) *Tamil Girl with Her Parrots*; 3. a) *Birth*; 4. a) Reena Saini Kallat; 5.
b) Shilpa Gupta

B. 1. d) *And Tell Him of My Pain*; 2. e) *Black Taj Mahal*; 3. b) *Bapuji*; 4. a) *Line of Control*; 5. c)
Untitled (Cobweb/Crossings)

Chapter 18: Time to play

Worksheet 1

A. 1. Deepa Malik; 2. R. Ashwin; 3. ice hockey; 4. chukkas; 5. Devendra Jhajharia

B. 1. True; 2. False; 3. True; 4. True; 5. True

C. 1. Neeraj Chopra; 2. PV Sindhu; 3. Mithali Raj; 4. Devendra Jhajharia

Worksheet 2

A. 1. a) Tae Kwon Do; 2. b) Deepa Malik; 3. c) marathon; 4. a) Sakshi Malik; 5. b) Muay Thai

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- B. 1. Jean-Claude Van Damme; 2. Tony Jaa; 3. Michael Jai White; 4. Bruce Lee
C. 1. c) Peru; 2. d) Thailand; 3. a) Hawaii; 4. b) Cambodia

Chapter 19: Math-a-thon

Worksheet 1

- A. 1. Paul Erdős; 2. Bertrand Russell; 3. Andre Weil; 4. Pythagoras; 5. S Ramanujan
B. 1. False; 2. True; 3. False; 4. True; 5. True
C. 1. Pythagoras; 2. Euclid; 3. Aryabhata; 4. Andre Weil

Worksheet 2

- A. 1. a) Paul Erdos; 2. c) Allan Turing; 3. b) Russell Crowe; 4. c) Bertrand Russel; 5. a) Euclid
B. 1. c) Bertrand Russel; 2. e) John Nash; 3. a) Srinivasa Ramunujan; 4. b) Paul Erdős; 5. d) Alan Turing; 6. f) Stephen Hawking

Chapter 20: Science quiz

Worksheet 1

- A. 1. Subrahmanyan Chandrasekhar; 2. Salim Ali; 3. Homi Bhabha; 4. Tessy Thomas; 5. Aditi Pant
B. 1. False; 2. True; 3. True; 4. True; 5. True
C. 1. Alexander Fleming; 2. Robert Goddard; 3. Enrico Fermi; 4. Frederick Gowland Hopkins; 5. Jonas Salk

Worksheet 2

- A. 1. c) Tessy Thomas; 2. b) letter J; 3. b) charcoal; 4. c) Vikram Sarabhai; 5. a) Asima Chatterjee
B. 1. c) Vikram Sarabhai; 2. f) Janaki Ammal; 3. e) Homi Bhabha; 4. a) APJ Abdul Kalam; 5. b) Tessy Thomas; 6. d) Aditi Pant

Chapter 21: Tech trivia

Worksheet 1

- A. 1. drones; 2. Segway; 3. Blu-ray; 4. virtual reality; 5. YouTube
B. 1. True; 2. True; 3. False; 4. True; 5. False

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C. 1. Vijay Shekhar Sharma; 2. Jack Dorsey; 3. Kevin Systrom; 4. Reid Hoffman

Worksheet 2

A. 1. a) 2005; 2. b) 2006; 3. c) PC's Limited; 4. a) Jack Ma; 5. b) Samsung; 6. c) Amazon

B. 1. d) Duolingo; 2. c) LinkedIn; 3. a) Paytm; 4. e) Google; 5. f) Twitter; 6. b) Instagram

Chapter 22: Money, money, money

Worksheet 1

A. 1. mint; 2. GST; 3. Central Goods and Services Tax; 4. loan; 5. interest; 6. Reserve Bank of India; 7. 1946; 8. government

B. 1. True; 2. False; 3. True; 4. True; 5. False; 6. False; 7. True; 8. True

Worksheet 2

A. 1. a) Hyderabad; 2. b) two; 3. c) Rs1000; 4. a) RBI Governor

B. 1. J&K Bank; 2. Central Bank; 3. Yes Bank; 4. UCO Bank; 5. Dena Bank; 6. Bank of Baroda; 7. Vijaya Bank; 8. ICICI Bank