



# FCO ASSESSMENT FOUNDATION

Section 8 Non-Profit Organisation • FCO 2026-27 Scholarship Assessment

## SAMPLE QUESTION PAPER — CLASS 7

Intermediate Level • Assessment Window: January 2027

|                        |                                                 |
|------------------------|-------------------------------------------------|
| <b>Total Questions</b> | 100 (Multiple Choice)                           |
| <b>Maximum Marks</b>   | 100                                             |
| <b>Duration</b>        | 90 minutes                                      |
| <b>Marking Scheme</b>  | 1 mark per correct answer • No negative marking |
| <b>Medium</b>          | English                                         |
| <b>Answer Key</b>      | Provided at the end of this paper               |

### Paper Structure

| Section   | Area Assessed                            | Questions | Marks |
|-----------|------------------------------------------|-----------|-------|
| Section A | Subject Knowledge                        | 1 – 20    | 20    |
| Section B | Reasoning & Mathematics                  | 21 – 40   | 20    |
| Section C | General Knowledge & Current Awareness    | 41 – 60   | 20    |
| Section D | Future Skills, Technology & AI Awareness | 61 – 100  | 40    |

### General Instructions

1. All questions are compulsory. Each question carries one mark.
2. Each question has four options; exactly one option is correct.
3. Darken only one circle per question on the OMR sheet. Multiple marks will be treated as incorrect.
4. Use a blue or black ballpoint pen. Rough work may be done on the space provided in the booklet.
5. Calculators, mobile phones and smart devices are not permitted in the examination hall.
6. This is a sample paper for practice. The actual paper will follow the same structure and difficulty.

**FCO is a year-long student development journey.** Every registered learner receives a detailed skill report, personalised guidance and continuous support through the assessment year — not just a score.

**Section A — Subject Knowledge**

Questions 1 to 20 • 20 marks

**1. Which is the smallest rational number among  $-1/2$ ,  $-3/4$ ,  $1/4$ ,  $3/4$ ?**

- (A)  $3/4$  (B)  $-3/4$   
(C)  $-1/2$  (D)  $1/4$

**2. What is the additive inverse of  $-7/9$ ?**

- (A)  $-7/9$  (B)  $7/9$   
(C)  $-9/7$  (D)  $9/7$

**3. Solve for x:  $2x + 3 = 11$** 

- (A)  $x = 6$  (B)  $x = 3$   
(C)  $x = 5$  (D)  $x = 4$

**4. The sum of angles of a triangle is always**

- (A) 360 degrees (B) 90 degrees  
(C) 270 degrees (D) 180 degrees

**5. Which type of triangle has all sides equal?**

- (A) Scalene (B) Isosceles  
(C) Equilateral (D) Right angled

**6. Acids turn blue litmus paper**

- (A) Green (B) Blue  
(C) Colourless (D) Red

**7. Which gas is produced when zinc reacts with an acid?**

- (A) Carbon dioxide (B) Nitrogen  
(C) Oxygen (D) Hydrogen

**8. The process by which plants prepare their own food is called**

- (A) Photosynthesis (B) Digestion  
(C) Transpiration (D) Respiration

**9. Which nutrient is mainly responsible for building body muscles?**

- (A) Carbohydrates (B) Fats  
(C) Vitamins (D) Proteins

**10. Deficiency of Vitamin C causes**

- (A) Beriberi (B) Night blindness  
(C) Scurvy (D) Rickets

**11. Who was the founder of the Delhi Sultanate?**

- (A) Sher Shah Suri (B) Babur  
(C) Qutbuddin Aibak (D) Akbar

**12. The Bhakti movement mainly emphasized**

- (A) Devotion to God (B) Military conquest  
(C) Trade (D) Caste system

**13. Which ruler built the Grand Trunk Road?**

- (A) Aurangzeb (B) Sher Shah Suri  
(C) Babur (D) Akbar

**14. Choose the correct synonym for Happy**

- (A) Tired (B) Angry  
(C) Joyful (D) Sad

**15. Choose the correct antonym for Ancient**

- (A) Old (B) Historic  
(C) Modern (D) Ruined

**16. Identify the noun in the sentence: The dog barked loudly**

- (A) The (B) Dog  
(C) Loudly (D) Barked

**17. Which part of speech describes an action?**

- (A) Verb (B) Adjective  
(C) Noun (D) Adverb

**18. The past tense of the word go is**

- (A) Going (B) Gone  
(C) Went (D) Goed

**19. Heat flows from a body at higher temperature to one at**

- (A) Lower temperature (B) Higher temperature  
(C) Same temperature (D) No temperature

**20. Which of these is a good conductor of heat?**

- (A) Plastic (B) Copper  
(C) Wood (D) Rubber

**Section B — Reasoning & Mathematics**

Questions 21 to 40 • 20 marks

21. If  $3x = 15$ , what is the value of  $x$ ?

- (A) 10 (B) 15  
(C) 3 (D) 5

22. What comes next in the series 2, 4, 8, 16, \_\_\_?

- (A) 30 (B) 18  
(C) 24 (D) 32

23. Find the odd one out: Triangle, Square, Circle, Apple

- (A) Apple (B) Triangle  
(C) Circle (D) Square

24. A number decreased by 5 gives 20. Find the number

- (A) 15 (B) 20  
(C) 30 (D) 25

25. The product of two negative integers is always

- (A) Negative (B) Undefined  
(C) Zero (D) Positive

26. If today is Monday, what day will it be after 15 days?

- (A) Thursday (B) Tuesday  
(C) Wednesday (D) Monday

27. Simplify:  $7 + 3 \times 2$

- (A) 13 (B) 17  
(C) 10 (D) 20

28. Which of the following is a prime number?

- (A) 27 (B) 21  
(C) 33 (D) 29

29. Find the missing number: 5, 10, 20, 40, \_\_\_

- (A) 60 (B) 50  
(C) 45 (D) 80

30. The perimeter of a square with side 6 cm is

- (A) 12 cm (B) 24 cm  
(C) 18 cm (D) 36 cm

31. What is the value of  $(-8) + 3$ ?

- (A) 11 (B) -5  
(C) 5 (D) -11

32. A pencil costs Rs 5 and a pen costs Rs 15. Cost of 3 pencils and 2 pens is

- (A) Rs 35 (B) Rs 50  
(C) Rs 40 (D) Rs 45

33. If a train travels 60 km in 1 hour, how far will it travel in 3 hours?

- (A) 200 km (B) 150 km  
(C) 180 km (D) 120 km

34. Which shape has no straight sides?

- (A) Square (B) Circle  
(C) Triangle (D) Rectangle

35. Ravi is taller than Sam but shorter than Tom. Who is the tallest?

- (A) Ravi (B) Sam  
(C) Cannot be determined (D) Tom

36. What is the reciprocal of  $5/8$ ?

- (A)  $-5/8$  (B)  $1/5$   
(C)  $5/8$  (D)  $8/5$

37. Find the value of  $x$  if  $x/4 = 9$

- (A) 36 (B) 9  
(C) 4 (D) 13

38. The sum of first five even numbers is

- (A) 15 (B) 25  
(C) 20 (D) 30

39. Complete the pattern: A, C, E, G, \_\_\_

- (A) H (B) J  
(C) I (D) K

40. What is 25 percent of 200?

- (A) 100 (B) 75  
(C) 50 (D) 25

### Section C — General Knowledge & Current Awareness

Questions 41 to 60 • 20 marks

41. Who is the current Prime Minister of India as of 2024?

- (A) Rahul Gandhi (B) Narendra Modi  
(C) Manmohan Singh (D) Amit Shah

**42. Which is the national bird of India?**

- (A) Parrot (B) Eagle  
(C) Sparrow (D) Peacock

**43. Which Indian mission successfully landed near the Moon's south pole in 2023?**

- (A) Gaganyaan (B) Chandrayaan-3  
(C) Mangalyaan (D) Aditya-L1

**44. Which is the longest river in India?**

- (A) Narmada (B) Ganga  
(C) Yamuna (D) Godavari

**45. Who wrote the national anthem of India?**

- (A) Subhas Chandra Bose (B) Rabindranath Tagore  
(C) Sarojini Naidu (D) Bankim Chandra Chatterjee

**46. Which country hosted the G20 summit in 2023?**

- (A) USA (B) Brazil  
(C) India (D) China

**47. What is the capital of Japan?**

- (A) Beijing (B) Bangkok  
(C) Seoul (D) Tokyo

**48. Which festival is known as the festival of colours?**

- (A) Eid (B) Diwali  
(C) Christmas (D) Holi

**49. The Sun rises in the**

- (A) West (B) South  
(C) East (D) North

**50. Which planet is known as the Red Planet?**

- (A) Jupiter (B) Saturn  
(C) Mars (D) Venus

**51. Which organization looks after global health issues?**

- (A) WTO (B) UNESCO  
(C) UNICEF (D) WHO

**52. Which Indian state is known as the Spice Garden of India?**

- (A) Rajasthan (B) Punjab  
(C) Gujarat (D) Kerala

**53. Who is known as the Missile Man of India?**

- (A) A P J Abdul Kalam (B) C V Raman  
(C) Vikram Sarabhai (D) Homi Bhabha

**54. The Sabarmati Ashram is associated with which leader?**

- (A) Mahatma Gandhi (B) Sardar Patel  
(C) Subhas Chandra Bose (D) Jawaharlal Nehru

**55. Which country has launched the largest number of satellites in a single mission before India?**

- (A) China (B) Russia  
(C) Japan (D) USA

**56. Which gas is most responsible for global warming?**

- (A) Nitrogen (B) Oxygen  
(C) Hydrogen (D) Carbon dioxide

**57. What does UNESCO mainly promote?**

- (A) Trade (B) Defence  
(C) Education science and culture (D) Sports

**58. Which Indian city is known as the Silicon Valley of India?**

- (A) Bengaluru (B) Chennai  
(C) Hyderabad (D) Mumbai

**59. The Reserve Bank of India is responsible for**

- (A) Issuing currency (B) Running trains  
(C) Making laws (D) Building roads

**60. Which is the largest continent by area?**

- (A) Europe (B) Africa  
(C) Asia (D) Australia

## Section D — Future Skills, Technology & AI Awareness

Questions 61 to 100 • 40 marks

**61. What does AI stand for?**

- (A) Applied Information (B) Automated Internet  
(C) Artificial Intelligence (D) Advanced Interface

**62. Which of these is an example of Artificial Intelligence in daily life?**

- (A) A bicycle (B) A wooden chair  
(C) A voice assistant like Siri (D) A paper book

**63. What is the main function of a search engine?**

- (A) Play games (B) Store photos only  
(C) Find information on the internet (D) Send emails only

**64. Which of the following is a safe online practice?**

- (A) Using strong unique passwords (B) Clicking unknown links  
(C) Posting personal address publicly (D) Sharing your password with friends

**65. What is coding also called?**

- (A) Programming (B) Cooking  
(C) Painting (D) Farming

**66. Which device is used to input data by typing?**

- (A) Speaker (B) Keyboard  
(C) Printer (D) Monitor

**67. What is the term for unwanted and harmful software?**

- (A) Firmware (B) Software update  
(C) Malware (D) Hardware

**68. Which of these is a popular programming language for beginners?**

- (A) Hindi (B) Python  
(C) Sanskrit (D) English

**69. What does the term robot refer to?**

- (A) A type of food (B) A living animal  
(C) A plant (D) A machine that can perform tasks automatically

**70. What is cyberbullying?**

- (A) Playing a fun game online (B) Sending a birthday wish  
(C) Harassing someone using digital platforms (D) Reading an e-book

**71. Which of these best describes an algorithm?**

- (A) A type of computer (B) A programming language  
(C) A social media app (D) A step by step procedure to solve a problem

**72. What is the full form of URL?**

- (A) Unique Resource Locator (B) Uniform Resource Locator  
(C) United Resource Link (D) Universal Resource Locator

**73. Which of these is an example of a smart device?**

- (A) A candle (B) A smartwatch  
(C) A wall clock (D) A wooden table

**74. What should you do if you receive a message from an unknown person online?**

- (A) Share personal details (B) Ignore and inform a trusted adult  
(C) Forward it to friends (D) Reply immediately

**75. What is cloud storage used for?**

- (A) Storing data online instead of local devices (B) Printing documents  
(C) Storing physical files (D) Making phone calls

**76. Which technology allows devices to connect wirelessly over short distances?**

- (A) Bluetooth (B) Printer  
(C) USB cable (D) Hard disk

**77. What is the purpose of a firewall in computer security?**

- (A) To play music (B) To heat the computer  
(C) To increase speed (D) To protect a network from unauthorized access

**78. Which of these is considered good digital citizenship?**

- (A) Spreading rumours online (B) Ignoring privacy settings  
(C) Respecting others online and verifying facts (D) Copying others work without credit

**79. What does the term IoT stand for?**

- (A) Input of Technology (B) Internet of Things  
(C) Internet of Time (D) Interface of Things

**80. Which of the following can help identify fake news online?**

- (A) Believing everything shared (B) Checking multiple reliable sources  
(C) Ignoring the source (D) Sharing it instantly

**81. What is a chatbot?**

- (A) A type of keyboard (B) A social media platform  
(C) A physical robot (D) A computer program that simulates conversation

**82. Which skill is most important for solving future technological problems?**

- (A) Copying answers (B) Critical thinking and problem solving  
(C) Avoiding new tools (D) Memorization only

**83. What is the main advantage of automation in factories?**

- (A) Increases errors (B) Increases costs only  
(C) Reduces production (D) Increases efficiency and reduces manual work

**84. Which of these is an example of renewable energy technology?**

- (A) Coal power plant (B) Petrol engine  
(C) Solar panel (D) Diesel generator

**85. What does the term data privacy mean?**

- (A) Protecting personal information from misuse (B) Deleting all your files  
(C) Ignoring security settings (D) Sharing all your data publicly

**86. Which coding concept refers to repeating a set of instructions?**

- (A) Comment (B) Variable  
(C) Loop (D) Function

**87. What is virtual reality mainly used for?**

- (A) Cleaning houses (B) Creating simulated immersive experiences  
(C) Cooking food (D) Growing plants

**88. Which of these is an example of e-waste?**

- (A) Plastic bottles (B) Discarded mobile phones  
(C) Food waste (D) Old newspapers

**89. What is the purpose of antivirus software?**

- (A) To speed up typing (B) To send emails  
(C) To detect and remove malicious software (D) To design websites

**90. Which of these best describes machine learning?**

- (A) A type of hardware (B) A system that improves performance from data and experience  
(C) A machine that learns to walk (D) A printing technique

**91. What does the term digital footprint mean?**

- (A) Physical footprints on the ground (B) A computer virus  
(C) A type of shoe (D) The trail of data left by online activities

**92. Which of these is an example of a search algorithm application?**

- (A) Watering plants (B) Painting a wall  
(C) Cooking rice (D) Finding the shortest route on a map app

**93. What is the benefit of using QR codes?**

- (A) They store music only (B) They cook food  
(C) They allow quick access to information via scanning (D) They replace all passwords

**94. Which of these devices is commonly controlled through voice commands using AI?**

- (A) Traditional wall clock (B) Smart speaker  
(C) Wooden almirah (D) Manual typewriter

**95. What is the purpose of two-factor authentication?**

- (A) To add an extra layer of security to accounts (B) To make login slower  
(C) To share passwords (D) To delete accounts

**96. Which of these is considered ethical use of AI?**

- |                              |                                                               |
|------------------------------|---------------------------------------------------------------|
| (A) Using AI to bully others | (B) Using AI to assist learning and improve efficiency fairly |
| (C) Using AI to steal data   | (D) Using AI to spread misinformation                         |

**97. What does the term big data refer to?**

- |                                |                                                                 |
|--------------------------------|-----------------------------------------------------------------|
| (A) A short text message       | (B) Extremely large and complex data sets analyzed by computers |
| (C) Small files stored locally | (D) A single photograph                                         |

**98. Which future skill is most valued due to rapid technological change?**

- |                               |                                        |
|-------------------------------|----------------------------------------|
| (A) Memorizing old facts only | (B) Adaptability and lifelong learning |
| (C) Rigid thinking            | (D) Avoiding computers                 |

**99. What is the role of sensors in smart technology like smart homes?**

- |                        |                                                             |
|------------------------|-------------------------------------------------------------|
| (A) To cook food       | (B) To replace furniture                                    |
| (C) To print documents | (D) To detect changes and send data for automated responses |

**100. Which of these best represents responsible AI use in schools?**

- |                                                        |                                                        |
|--------------------------------------------------------|--------------------------------------------------------|
| (A) Using AI to complete all homework without learning | (B) Using AI as a tool to support and enhance learning |
| (C) Ignoring teachers guidance on AI use               | (D) Using AI to cheat in exams                         |

## Answer Key — Class 7 Sample Question Paper

| Q  | Ans | Q  | Ans | Q  | Ans | Q  | Ans | Q   | Ans |
|----|-----|----|-----|----|-----|----|-----|-----|-----|
| 1  | B   | 21 | D   | 41 | B   | 61 | C   | 81  | D   |
| 2  | B   | 22 | D   | 42 | D   | 62 | C   | 82  | B   |
| 3  | D   | 23 | A   | 43 | B   | 63 | C   | 83  | D   |
| 4  | D   | 24 | D   | 44 | B   | 64 | A   | 84  | C   |
| 5  | C   | 25 | D   | 45 | B   | 65 | A   | 85  | A   |
| 6  | D   | 26 | B   | 46 | C   | 66 | B   | 86  | C   |
| 7  | D   | 27 | A   | 47 | D   | 67 | C   | 87  | B   |
| 8  | A   | 28 | D   | 48 | D   | 68 | B   | 88  | B   |
| 9  | D   | 29 | D   | 49 | C   | 69 | D   | 89  | C   |
| 10 | C   | 30 | B   | 50 | C   | 70 | C   | 90  | B   |
| 11 | C   | 31 | B   | 51 | D   | 71 | D   | 91  | D   |
| 12 | A   | 32 | D   | 52 | D   | 72 | B   | 92  | D   |
| 13 | B   | 33 | C   | 53 | A   | 73 | B   | 93  | C   |
| 14 | C   | 34 | B   | 54 | A   | 74 | B   | 94  | B   |
| 15 | C   | 35 | D   | 55 | D   | 75 | A   | 95  | A   |
| 16 | B   | 36 | D   | 56 | D   | 76 | A   | 96  | B   |
| 17 | A   | 37 | A   | 57 | C   | 77 | D   | 97  | B   |
| 18 | C   | 38 | D   | 58 | A   | 78 | C   | 98  | B   |
| 19 | A   | 39 | C   | 59 | A   | 79 | B   | 99  | D   |
| 20 | B   | 40 | C   | 60 | C   | 80 | B   | 100 | B   |

## Section-wise Distribution of Answers

| Section                                              | Questions | A | B  | C  | D  |
|------------------------------------------------------|-----------|---|----|----|----|
| Section A — Subject Knowledge                        | 1 – 20    | 4 | 5  | 6  | 5  |
| Section B — Reasoning & Mathematics                  | 21 – 40   | 3 | 4  | 3  | 10 |
| Section C — General Knowledge & Current Awareness    | 41 – 60   | 4 | 4  | 5  | 7  |
| Section D — Future Skills, Technology & AI Awareness | 61 – 100  | 6 | 16 | 10 | 8  |

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