



# Satyajit Ray Film & Television Institute

(Deemed to be University under Distinct Category under Section 3 of the UGC Act, 1956)

Sample questions for SRFTI Entrance Test

Paper - General Aptitude Test

## Topic 1: Art, Aesthetics, Design and Culture

### Sample Questions:

Q:1)What is the name of the dance form shown in the following image?



*Image source : wikipedia*

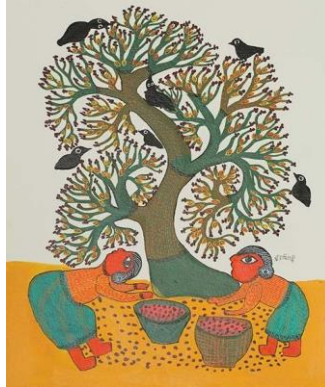
- A) Bharatnatyam
- B) Kuchipudi
- C) Mohiniyattam
- D) Odissi

Ans: C

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Q:2) What is the name of this art form?



*Image source : wikipedia*

- A) Gond art
- B) Patachitra
- C) Bhil
- D) Madhubani

Ans: A

Q:3) Who envisioned the Modern Indian Art Movement?

- A) Amrita Sher Gill
- B) Abanindranath Tagore
- C) Raja Ravi Varma
- D) M F Hussain

Ans: C

Q:4) Who invented the following musical instrument?



*Image source : Wikipedia*

- A) Pt. Vishwa Mohan Bhatt
- B) Pt. Ravi Shankar
- C) Drubha Ghosh
- D) Anoushka Shankar

Ans: A



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Q:5) Dholavira is an Indus Valley Civilisation site excavated in which state of India ?

- A) Gujarat
- B) Punjab
- C) Madhya Pradesh
- D) Rajasthan

Ans: A

Q:6) The recent Netflix series One Hundred Years of Solitude is based on a book written by which of the following writers?

- A) Neil Gaiman
- B) Amitav Ghosh
- C) Gabriel Garcia Marquez
- D) Shashi Tharoor

Ans: C

Q:7) Who created the iconic mascot - "Amul Girl" used in the Amul Butter advertising campaign?

- A) R.K. Narayan
- B) Piyush Pandey
- C) Bharat Dabholkar
- D) Sylvester daCunha

Ans: D

Q:8) *Batik*, is a traditional textile art that originates from which of the following places?

- A) Indonesia
- B) Sri Lanka
- C) India
- D) Malaysia

Ans: A

Q:9) Name the director of the critically acclaimed film *Piravi*?

- A) Girish Kasarvali
- B) Adoor Gopalakrishnan
- C) John Abraham
- D) Shaji N Karun

Ans: D



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Q:10) Which ancient civilization is credited with producing “The Epic of Gilgamesh”?

- A) Egyptian
- B) Greek
- C) Sumerian
- D) Roman

Ans: C

## **Topic 2: Science and Technology**

### **Sample Questions:**

Q:1) In the periodic table which element does W represent ?

- A) Mercury
- B) Tin
- C) Tungsten
- D) Iron

Ans: C

Q:2) By which phenomenon does the sky look blue?

- A) Refraction
- B) Dispersion
- C) Reflection
- D) Scattering

Ans: D

Q:3) Why does echo happen in the case of sound

- A) Reverberation
- B) Reflection
- C) Dampening
- D) Interference

Ans: B

Q:4) Entropy of the universe is always

- A) Decreasing
- B) Increasing
- C) Conserved
- D) Fluctuating

Ans: B



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Q:5) A hexagonal geometric figure has

- A) 6 sides
- B) 8 sides
- C) 5 sides
- D) 10 sides

Ans: A

Q:6) How many Bits make a Byte

- A) 6 Bits
- B) 12 Bits
- C) 10 Bits
- D) 8 Bits

Ans: D

Q:7) What is the Full Form of HTML

- A) Hot Text manipulation language
- B) Hyper Text markup language
- C) Hidden Text Markup Language
- D) Hyper Transfer Machine Language

Ans: B

Q:8) Among the following, sound travels fastest in

- A) Vacuum
- B) Air
- C) Water
- D) Nitrogen

Ans: C

Q:9) Which of these would you consider to be an irrational number

- A)  $\pi$
- B)  $i$
- C) 3
- D)  $1/2$

Ans: A



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Q:10) What was the 'Manhattan Project'?

- A) R&D for creating the world's first atomic bomb
- B) R&D for the world's first civilian nuclear reactor
- C) A massive land reclamation and urban development project of New York
- D) A cultural event condemning the WWII

Ans: A

## **Topic 3: Logical Reasoning**

### **Sample Questions:**

Q:1) A man walks 5 km north, then turns left and walks 3 km. He turns left again and walks 5 km. In which direction is he now from his starting point?

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

Ans: B

Explanation: Ends up facing west after two left turns and equal distances.

Q:2) A cube has all six faces painted. It is then cut into 64 equal smaller cubes. How many cubes will have paint on exactly two faces?

- A) 24
- B) 36
- C) 12
- D) 48

Ans: A

Explanation: Cubes with paint on 2 faces are on the edges (but not corners):  $12 \text{ edges} \times 2 \text{ per edge} = 24$ .

Q:3) Which day of the week will it be 100 days from a Monday?

- A) Wednesday
- B) Thursday
- C) Friday
- D) Saturday

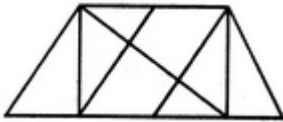
Ans: A

Explanation:  $100 \div 7 = 14 \text{ weeks} + 2 \text{ days} \rightarrow \text{Monday} + 2 = \text{Wednesday}$

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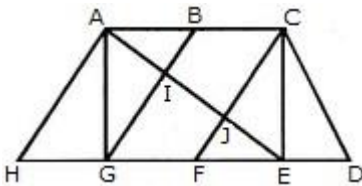
Q:4) Find the number of triangles in the given figure.



- A. 8
- B. 10
- C. 12
- D. 14

Ans. D

Explanation: The figure may be labelled as shown.



The simplest triangles are AHG, AIG, AIB, JFE, CJE and CED i.e. 6 in number.

The triangles composed of two components each are ABG, CFE, ACJ and EGI i.e. 4 in number.

The triangles composed of three components each are ACE, AGE and CFD i.e. 3 in number.

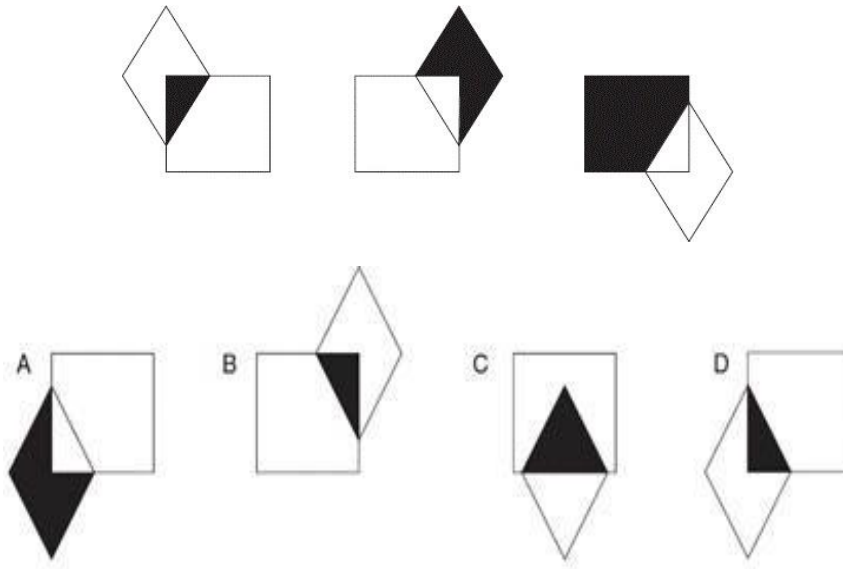
There is only one triangle i.e. AHE is composed of four components.

Therefore, There are  $6 + 4 + 3 + 1 = 14$  triangles in the given figure.

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Q:5) What comes next?



Ans. D

Explanation: The diamond is moving round each corner clockwise. The black portion alternates overlapping section/diamond/square.



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Q:6) There are five books arranged on a shelf: A, B, C, D, and E. A is to the left of B. D is to the right of E. C is between A and D. Which book is in the middle?

- A) A
- B) B
- C) C
- D) D

Ans. C

Explanation: Deductive placement → C is in the middle.

Q:7) Amol was twelve times as old as his son Pritish, twenty years ago. Now Amol is twice as old as Pritish. What are the present ages of Amol and Pritish?

- A) 44 and 22 years
- B) 66 and 33 years
- C) 54 and 27 years
- D) 30 and 15 years

Ans: A

Q:8) Match the geometric patterns found in nature with the corresponding images. Match the geometric patterns found in nature with the corresponding images.

Pattern names:

1. Radial Symmetry
2. Fibonacci Spiral
3. Bilateral Symmetry
4. Asymmetrical Balance

Images:

Images:

I



II



III



IV



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- A) 1-I, 2-II, 3-III, 4-IV
- B) 1-II, 2-III, 3-IV, 4-I
- C) 1-III, 2-IV, 3-II, 4-I
- D) 1-I, 2-III, 3-II, 4-IV

Ans: C

Q:9) The hour hand of the clock shown below moves at twice the speed of a regular clock and the minute hand moves at one-fifth the regular speed. If this clock matched time with a regular clock at 1pm, what is the actual time when this clock next shows the time as shown below.



- A) 1 AM
- B) 11 PM
- C) 6 PM
- D) 4 AM

Ans: D

Q:10) At an art seminar, the number of girls is half the number of boys. After an hour, five boys leave the event and three girls join in and the number of boys and girls are now equal. How many people were present at the seminar an hour before?

- A) 16
- B) 8
- C) 24
- D) 22

Ans: C

## **Topic 4: Social Awareness and Social Empathy**

### **Sample Questions:**



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Q:1) In which situation can the Rajya Sabha not initiate a bill?

- A) Constitutional Amendment
- B) Ordinary Bill
- C) National Security Bill
- D) Finance Bill

Answer: D

Q:2) What does GDP primarily measure in a country?

- A) Government revenue
- B) Total value of goods and services produced
- C) Income of rich citizens
- D) Industrial exports only

Answer: B

Q:3) Which of the following reflects structural inequality?

- A) A student scoring poorly in one exam
- B) A community having poor access to education for generations
- C) Differences in personal choices
- D) Migration due to weather changes

Answer: B

Q:4) What does 'social empathy' primarily involve?

- A) Understanding and acting on others' systemic challenges
- B) Hosting corporate events
- C) Writing testimonials of social media influencers
- D) Distribution of bicycles before the elections by politicians

Answer: A

Q:5) Which of the following is a nonrenewable resource?

- A) Solar Energy
- B) Petroleum
- C) Wind Energy
- D) Forest biomass

Answer: B



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Q:6) What does the concept of 'social mobility' describe?

- A) Shifts in social status/class
- B) Movement of ideas through media
- C) Change of place of residence
- D) Population migration across regions

Answer: A

Q:7) Which of the following best explains the bystander effect?

- A) More people mean more help
- B) People don't act in crisis due to diffusion of responsibility
- C) People avoid help due to fear
- D) Group decision is always rational

Answer: B

Q:8) Which article of the Constitution guarantees the freedom of speech and expression?

- A) Article 19
- B) Article 22
- C) Article 32
- D) Article 14

Answer: A

Q:9) A news report shows rising dropout rates in girls after age 14 in a rural area in India. Which intervention is most appropriate to address the issue?

- A) Launching a cleanliness drive
- B) Community awareness and local scholarships
- C) Opening a tea shop
- D) Industrial training

Answer: B

Q:10) Social media algorithms often create echo chambers. This means:

- A) People hear diverse views
- B) People are shown opposing beliefs
- C) Content disappears quickly
- D) People mostly see what matches their existing opinions

Answer: D



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Q:11) Which body is the “Guardian of the Constitution” in India?

- A) Supreme Court
- B) Parliament
- C) Election Commission
- D) President

Answer: A

Q:12) A tribal child drops out because textbooks are not in their language. This reflects:

- A) Non availability of Chatgpt
- B) Economic disparity
- C) Cultural exclusion
- D) Environmental Crisis

Answer: C

Q:13) In June 2025, India was elected to which UN body for 2026–28?

- A) UN Security Council
- B) UN Human Rights Council
- C) UN Economic and Social Council (ECOSOC)
- D) UN Environmental Programme

Answer: C

Q:14) What is the name of the spacecraft launched by ISRO in 2025 to study Venus?

- A) Shukrayaan-1
- B) Chandrayaan-3
- C) Aditya-L1
- D) Gaganyaan

Answer: A

Q:15) Which region in India is most vulnerable to desertification?

- A) Western Ghats
- B) Sundarbans
- C) Punjab
- D) Rajasthan

Answer: D



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## **Topic V: Current Affairs**

### **Sample Questions**

Q:1) In March 2025, protesters in which country demanded the restoration of monarchy?

- A) Spain
- B) Bhutan
- C) Thailand
- D) Nepal

Ans: D

Q:2) What was the official theme of World Press Freedom Day 2025, as observed by UNESCO?

- A) Media for Democracy
- B) Journalism in the Age of AI
- C) Shaping a Future of Rights
- D) Protecting Truth in Crisis

Ans: B

Q: 3) In 2024, climate activist Greta Thunberg made headlines for her visit to which conflict-affected region, where she expressed solidarity with both environmental and human rights causes?

- A) Ukraine
- B) Sudan
- C) Palestine
- D) Yemen

Ans: C

Q:4) Which of the following best describes a "deep fake"?

- A) A computer virus that mimics human behavior
- B) A digitally altered video or audio using AI to impersonate real people
- C) A fake website designed to steal user data
- D) A type of crypto currency used for illegal activities

Ans: B

Q: 5) At the 2025 Cannes Film Festival, the Palme d'Or was awarded to a film by an Iranian director. Who was the director, and what was the film's title?

- A) Asghar Farhadi – A Hero
- B) Majid Majidi – Sun Children
- C) Jafar Panahi – It Was Just an Accident
- D) Abbas Kiarostami – Close-up

Ans: C