ISRO Assistant Mock Test- 1

In the following questions four alternatives are given for Idiom/Phrases in Capital. Chose the one which best expresses the meaning of the idioms/phrases given in Capital.

- (1). The President was **BEATING AROUND THE BUSH** when the citizens demanded a reason for the forgery of legal documents.
- a) Beating someone
- b) Argumenting
- c) Avoiding questions
- d) Talking about papers
- (2). He is in the habit of **PICKING HOLES IN** everything.
- a) causing trouble to
- b) asking questions about
- c) finding fault with
- d) delving deep into
- (3). The member TOOK EXCEPTION to the secretary's remark about the current political situation in the State.
- a) laughed at
- b) accepted readily
- c) granted
- d) objected to
- (4). The mother was right in GIVING A PIECE OF MIND to the daughter.
- a) Speaking kindly
- b) Speaking cheerfully
- c) Speaking sharply
- d) Speaking sadly
- (5). The young servant GOES ABOUT with the old master.

| a) adjust well | |
|--|--|
| b) mover around | |
| c) goes around | |
| d) tries to know more about | |
| Choose the word closest in m | eaning to the given word, from among the options: |
| (6) Insistence | |
| (a) Relying | |
| (b) Urging | |
| (c) Lying | |
| (d) Recognizing | |
| (7) Queer (a) Strange (b) Peer | |
| (c) Peep (d) Quill | XANS |
| (8) Emancipate | |
| (a) Liberate | |
| (b) Emit | |
| (c) Worn out | |
| (d) Old | |
| Fill in the blanks with appropr (9) The youth should believe _ | riate, word chosen from the given alternatives: God. |
| (a) upon | |
| (b) on | |

(c) of

| (d) in |
|--|
| (10) I have been looking for an apartment and I finally found the one. |
| (a) airy |
| (b) good |
| (c) cheap |
| (d) perfect |
| (11) He was not a man intelligence. (a) absent of |
| (b) empty of |
| (c) devoid of |
| (d) lacking of |
| In the following questions some part of the sentence has errors and some are correct. Find out which part of a sentence (a), (b), (c) has an error. If a sentence is free from error, then (d) is your answer. |
| (12) The clients are waiting(a)/ outside since morning and(b)/ will continue to wait until you meet them.(c)/ No error (d) |
| (13) According to some estimates(a)/ there are(b)/ seven thousand type of plants. (c)/ No error(d) |
| (14) What would(a)/ you have done(b)/ if you have missed the train?(c)/ No error(d) |
| In the following questions, choose the alternative opposite in meaning of the given words: |
| (15) Pragmatic |
| (a) Vague |
| (b) Optimistic |
| (c) Idealistic |
| (d) Indefinite |
| |

(16) Fabricate

- (a) Demolish
- (b) Construct
- (c) Unearth
- (d) Renovate

(17) Gregarious

- (a) Sociable
- (b) Unsociable
- (c) Societel
- (d) Solitary

(18) Persuade

- (a) Promote
- (b) Dissolve
- (c) Dissuade
- (d) Pervade



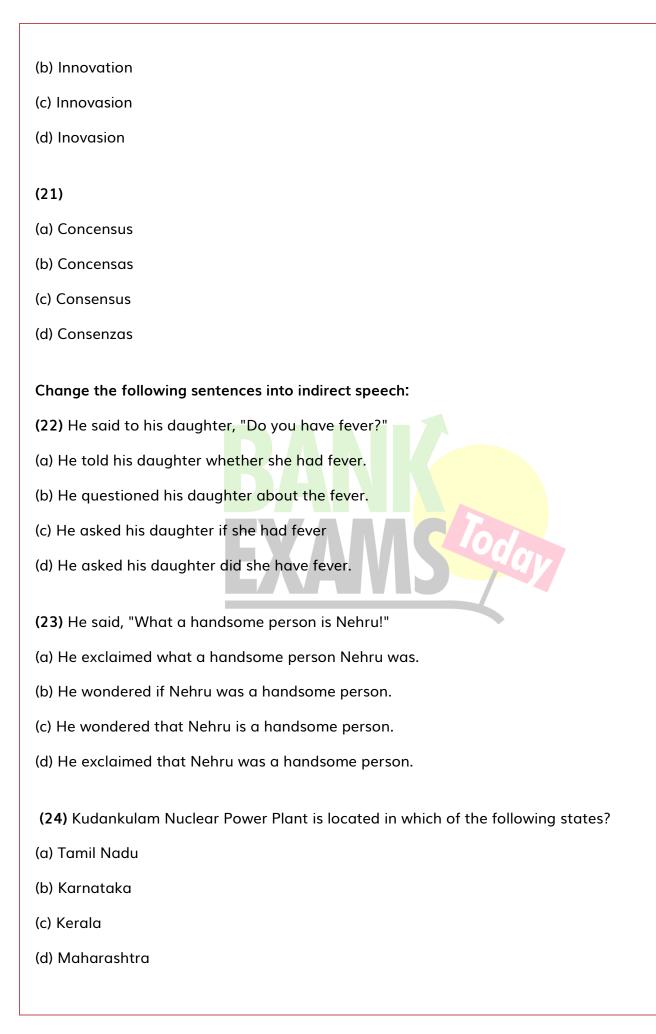
Choose the wrongly spelt word from the following:

(19)

- (a) Wellful
- (b) Wilfull
- (c) Wilful
- (d) Willfull

(20)

(a) Inovation



| (a) Haryana |
|--|
| (b) Maharashtra |
| (c) Madhya Pradesh |
| (d) Gujarat |
| (26) Who is appointed as the Bowling Coach the Indian Cricket team by the Board of Control for Cricket in India (BCCI)? (a) Bharat Arun (b) R Sridhar (c) J Srinath |
| (d) Sanjay Bangar |
| (27) 10th Schedule of the Indian constitution is related to |
| (a) Classical Languages |
| (b) Rajya Sabha |
| (c) Lok Sabbha |
| (d) Anti-Defection Law |
| (28) Who is known as 'the Sahkespeare of India'? |
| (a) Maharishi Valmiki |
| (b) Surdas |
| (c) Kalidas |
| (d) Dhanvantri |
| (29) Who founded the Khilji Dynasty(1290-1320 AD)? |
| (a) Rehmat Khan Khilii |

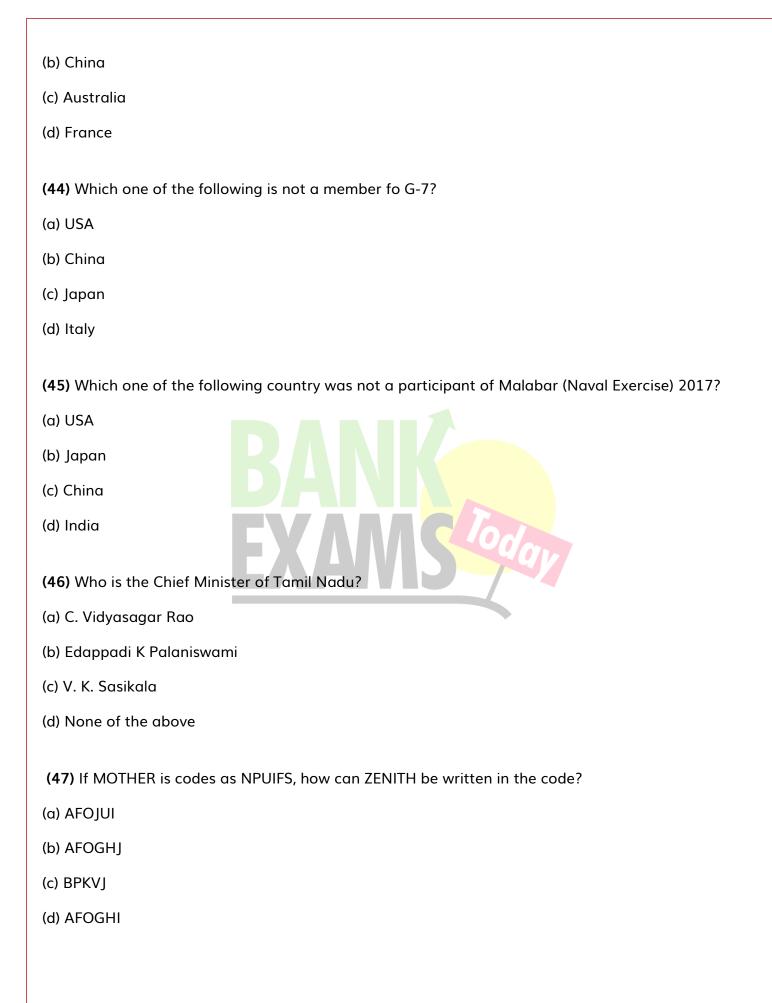
(b) Jalaluddin Khilji

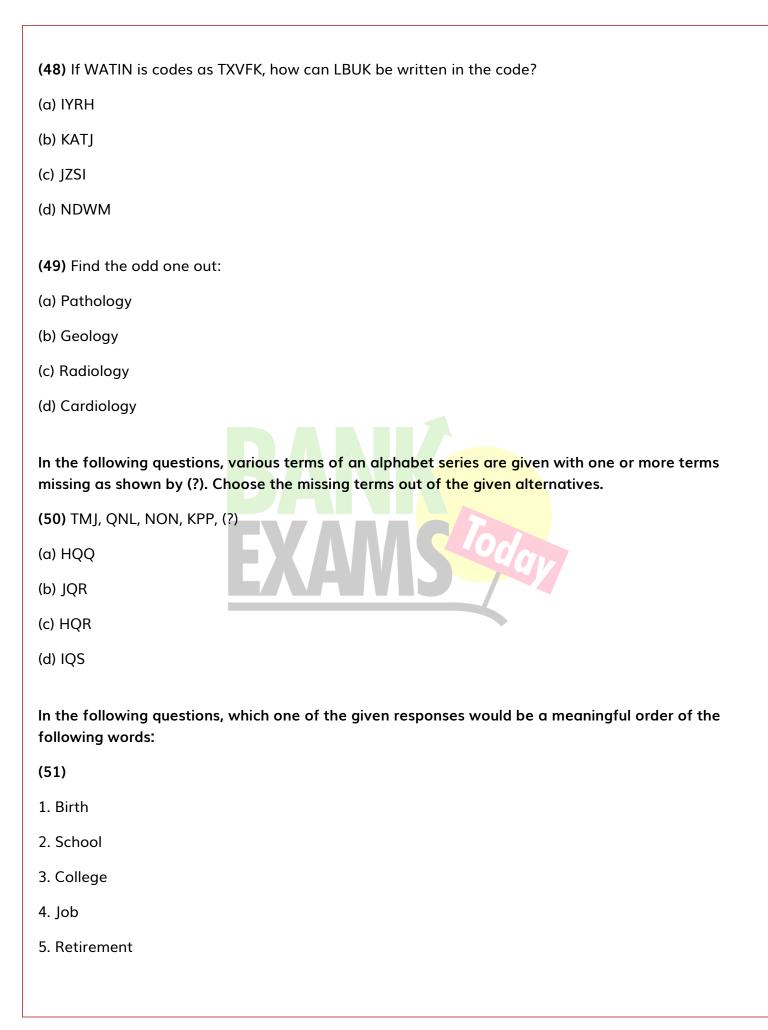
(25) 'Majhi Kanya Bhagyashree' scheme' was launced by which of the following states?

| (c) Alauddin Khilji |
|---|
| (d) Malik Kafur Khilji |
| (30) Who wrote the book 'The Indian War of Independence'? |
| (a) Karl Marx |
| (b) VD Savarkar |
| (c) RC Mazumdar |
| (d) SB Chowdhury |
| (31) The Rowlatt Act(1919) was passed during the Viceroylty of |
| (a) Lord Chelmsford |
| (b) Lord Minto |
| (c) Lord Reading |
| (d) Lord Irwin (32) Which of the following is not a metamorphic rock? |
| (a) Gneiss |
| (b) Homblend |
| (c) Marble |
| (d) Granite |
| (33) What is the capital of Hong Kong? |
| (a) Almati |
| (b) Jakarta |
| (c) Budapest |
| (d) Victoria |
| (34) Which one of the following acts of Company rule in India provided Supreme Court at Calcutta? |

| (a) Regulating Act of 1773 |
|--|
| (b) Pitts India Act of 1784 |
| (c) Charter Act of 1793 |
| (d) Charter Act of 1813 |
| (35) Who was the chairman of the Drafting Committee of the Constituent Assembly?(a) KM Munshi(b) Dr. BR Ambedkar(c) Dr. Rajendra Prasad |
| (d) Pt. Jawaharlal Nehru |
| (36) Which of the following Part of the Indian Constitution deals with 'Citizenship'? (a) Part II (b) Part XII (d) Part XVI (37) Which of the following Constituent Amendment had inserted Bodo, Dogri, Maithili and Santhali in the 8th Schedule of the Constitution? (a) 92nd Amendment (b) 93rd Amendment (c) 94th Amendment |
| (d) 95th Amendment |
| |
| (38) Which one of the following is not a Primary Colour? |
| (a) Red |
| (b) Green |
| (c) Blue |
| |

| (d) White |
|---|
| (39) Which of the following is not an ore of Iron? |
| (a) Haemetite |
| (b) Lemonite |
| (c) Copper Pyrites |
| (d) All of the above |
| (40) Which of the following is not a Fat Soluble Vitamin? |
| (a) Vitamin A |
| (b) Vitamin D |
| (c) Vitamin E |
| (d) Vitamin C |
| (41) Which one of the following disease is caused due to Virus? |
| (a) Dengue |
| (b) Chicken Pox |
| (c) AIDS |
| (d) All of the above |
| (42) Who was the winner of Men's Singles Wimbledon 2017 Title? |
| (a) Roger Federer |
| (b) Marin Cilic |
| (c) Lukas Kubot |
| (d) Rafael Nadal |
| (43) 12th G-20 2017 Summit was held in (a) Germany |

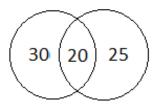




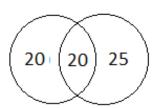
- (a) 1, 4, 5, 2, 3
- (b) 1, 2, 4, 3, 5
- (c) 1, 2, 3, 4, 5
- (d) 1, 3, 4, 5, 2
- (52) I am facing West. I turn 100 degrees in the clockwise direction and then 145 degrees in the anti-clockwise direction. Which direction am I facing now?
- (a) South East
- (b) South West
- (c) North
- (d) East
- Q.53 In a group of 75, If 20 people like tea and coffee, 45 people like coffee, then select the correct Venn diagram that shows
- (1) How many like only milk?
- (2) How many like only coffee?

Answer the question based on the following:

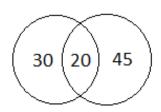
A.



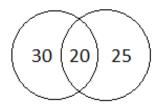
B.



C.



D.



(54) If in each number, first and the last digit are interchanged, which one of the following will be the lowest number?

- (a) 462
- (b) 892
- (c) 234
- (d) 867



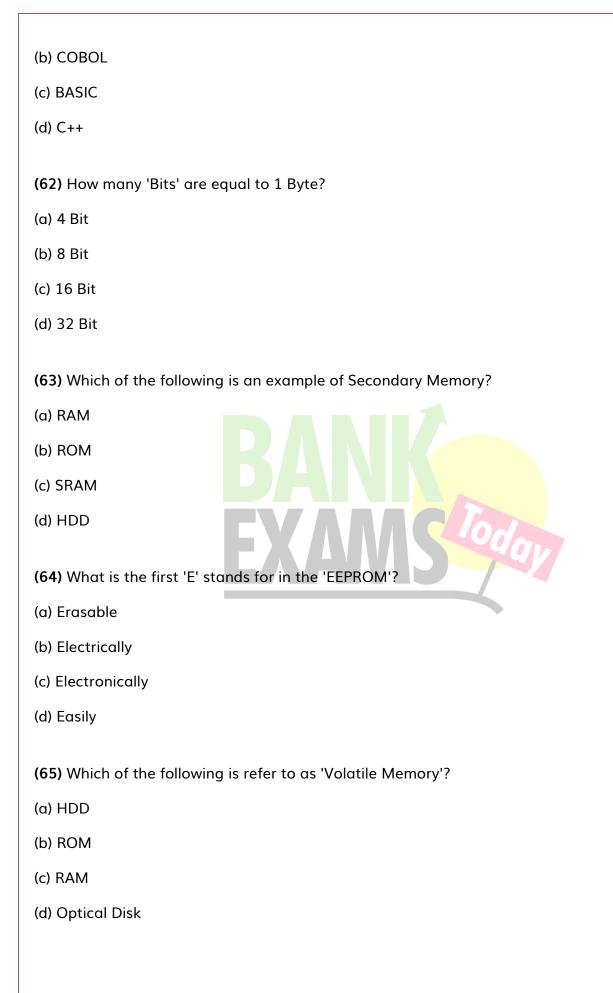
(55) 'Gulp' is to Drink as 'Rush' is to

- (a) Go
- (b) Run
- (c) Jump
- (d) Hop

(56) Which word doesn't belong with the others?

- (a) Smell
- (b) Touch
- (c) Taste
- (d) Sweet

| (57) Which word doesn't belong with the others? |
|---|
| (a) Guwahati |
| (b) Dispur |
| (c) Mumbai |
| (d) Jaipur |
| (58) Select the word which cannot be made with the letters THERMODYNAMICS using each letter only once in each word. |
| (a) MATHEMATICS |
| (b) MOTHER |
| (c) MODERN |
| (d) DYNAMO |
| (59) Select the word which cannot be made with the letters DISTANCE using each letter only once in each word. |
| (a) DANCE |
| (b) STAND |
| (c) SANE |
| (d) TEAASE |
| |
| (60) Which of the following is not an input device? |
| (a) Touch Screen |
| (b) Plotter |
| (c) Touch pad |
| (d) Web Camera |
| (61) Which of the following language is used in Scientific Applications? |
| (a) FORTRAN |
| |



| (66) Which of the following 'Networks' has maximum range? |
|--|
| (a) PAN |
| (b) LAN |
| (c) WAN |
| (d) MAN |
| (67) 'Nibble' is a combination of |
| (a) 4 bits |
| |
| (b) 8 bits |
| (c) 16 bits |
| (d) 2 bits |
| |
| Directions (Q.1-2): What should come in the place of question mark (?) in the following questions: |
| Q.68 3.333 + 33.3 + 3.3 + 333.3 = ? - 3.33 A. 269.363 B. 376.563 C. 258.639 D. 396.356 |
| $Q.69\ 1620 \times 2 = ? \times 4860$ |
| A. 3/5 |
| B. 5/6 |
| C. 3/4 |
| D. 2/3 |
| Q.70 If 2a + 4, a + 2 are complementary angles, then find a. |
| A. 30 degree |
| B. 20 degree |

C. 25 degree

D. 28 degree

| Q.71. The ratio between the volumes of two cones is 1:3 and the ratio between the radius of these |
|---|
| two cone is 2:3. Find the ratio between the heights of these two cones. |
| A. 3:4 |
| B. 5: 6 |
| C. 1:2 |
| D. 3:5 |
| Q.72 25% of X is Y% of 350. Find the ratio of X and Y. |
| A. 21:16 |
| B. 13:15 |
| C. 14:1 |
| D. 12:11 |
| Q.73. If the average of the five consecutive even numbers is 24. What will be the difference of the |
| smallest and the largest numbers? |
| A. 10 |
| B. 8 |
| C. 6 |
| D. 4 |
| |
| Q.74 Distance between two places is 35 km. If two persons start running towards each other from |
| these two places with the speed of 3 km/h and 4 km/h. at 7 AM. At what time do they meet? |
| A. 11 AM |
| B. 1 PM |
| C. 10 AM |
| D. 12 PM |
| Q.75 The perimeter of an equilateral triangle is 18cm. Find the area of the equilateral triangle. |
| A. 9√3 |
| B. 4√2 |
| C. 5√3 |
| D. 8√3 |
| |

| Q.76 In a school of 259 students, the ratio of boys and girls is 3:4. What will be the difference |
|--|
| between the numbers of boys and girls? |
| A. 52 |
| B. 26 |
| C. 37 |
| D. 42 |
| |
| Q.77 20 men worked for 10 hours daily and completed a work in 8 days. In how many days he can |
| complete the half of the work if he worked for 8 hours daily? |
| A. 10 days |
| B. 15 days |
| C. 12 days |
| D. 8 days |
| |
| |
| Q.78. Which is the largest 4 digit number exactly divisible by 49? |
| A. 9969 |
| В. 9967 |
| C. 9996 |
| D. 9981 |
| |
| Q.79 The HCF of two numbers is 7 and the LCM of two numbers is 392. The ratio of the two numbers |
| is 7:8. Find the largest number. |
| A. 32 |
| B. 40 |
| C. 49 |
| D. 56 |
| |
| Q.80 What will be the least number which when double will be exactly divisible by 16, 18, 24 and 30? |
| A. 1440 |
| B. 720 |
| C. 360 |
| D. 600 |
| |
| |

| many men will be drink the remaining milk? |
|--|
| A. 120 |
| B. 75 |
| C. 100 |
| D. 60 |
| |
| Q.82 The length of the rectangle is decreased by 10% and the length of rectangle is increased by 8%. |
| Find the % change in area. |
| |
| A. 3.5% Decrease |
| B. 1.6% Increase |
| C. 2.8% Decrease |
| D. 3% Increase |
| |
| Q.83 Find the number of zeroes at the end of 16!. |
| |
| A. 3 |
| B. 5 |
| C. 6 |
| D. 4 |
| |
| Q.84. Insert the missing mathematical signs in the problem 7 2 7.5 = 11 |
| |
| A. ÷, + |
| B. ×, + |
| C. ÷, + |
| D. +, - |
| |
| Q.85 The speed of a car is 150 km/h. If he reduced the speed of car by 20% he takes 20 minutes more |
| to reach the destination. Find the distance of the destination. |
| |
| A. 210 km. |
| B. 180 km. |
| C. 150 km. |
| |

Q.81 In a camp, there is milk for 150 men or 200 women. If 100 women have taken the meal, how

| D. 200 km. |
|--|
| |
| Q.86 What is the angle between the hands of the clock at 8 o' clock? |
| A. 110 degree |
| B. 150 degree |
| C. 120 degree |
| D. 90 degree |
| Q.87 If x+y = 20 and 2y-x= 4, find the value of 2y. |
| A. 10 |
| B. 14 |
| C. 15 |
| D. 16 |
| Q.88 The thread of a kite is 100√3 m long and it is making 60° angular elevation with the ground |
| .Find the height of the kite. |
| A. 100 m |
| B. 120 m |
| C. 150 m |
| D. 200 m |
| Q.89 Tap A can fill the tank in 8 hours, tap B can fill the tank in 6 hours and tap C can empty the tank |
| in 4 hours. If the three tap is opened together in how much time the tank will be filled? |
| A. 15 hours |
| B. 12 hours |
| C. 24 hours |
| D. 21 hours |
| O OO A shankaanan aald maaabila mharaanta waafit af 2007 aanda die De 444 Fieddhee eeu in 1919 |
| Q.90 A shopkeeper sold a mobile phone at a profit of 20% and gain Rs. 144. Find the cost price of the Mobile Phone. |
| A. 800 Rs. |
| 7.1.000 1.0. |

- B. 720 Rs.
- C. 640 Rs.
- D. 600 Rs.

Descriptive Questions

- **91.** Write an essay on any of the following(about 400 words):
- 1. Effects of Pollution on Indian Cities.
- 2. Popularity of Sports in India.
- 3. Contribution of Indian Space Research Organisation(ISRO) in Defence.
- 92. Make a précis of the following passage.

English education and English language have done immense goods to India, inspite of their glaring drawbacks. The notions of democracy and self-government are the born of English education. Those who fought and died for mother India's freedom were nursed in the cradle of English thought and culture. The West has made contribution to the East. The history of Europe has fired the hearts of our leaders. Our struggle for freedom has been inspired by the struggles for freedom in England, America and France. If our leaders were ignorant of English and if they had not studied this language, how could they have been inspired by these heroic struggles for freedom in other lands? English, therefore, did us great good in the past and if properly studied will do immense good in future. English is spoken throughout the world. For international contact our comrherce and trade, for the development of our practical ideas, for the scientific studies, English-is indispensable "English is very rich in literature," our own literature has been made richer by this foreign language. It will really be a fatal day if we altogether forget Shakespeare, Milton, Keats and Shaw.

93. Write a letter on one of the following topics:

- a. Write a letter to the newspaper editor on the problem of rash driving by school/college students.
- b. A Letter to Superintendent of Police raising the concern over the increased cases of theft in your locality
- c. A letter to the Bank Manager for the rude behavior of one of the employee.