How to Answer Aptitude Questions: (System/Techniques to answer Aptitude Questions)

By Million Abebe: 2016/2024

1. Basic Information

Aptitude Test/Exam has been given since 2003EC (in Ethiopia, on Grade 12 Entrance Exam). The Exam has 60 questions under two sections (English and Mathematics): Verbal Reasoning and Quantitative Reasoning. I have analyzed 13 years (2003-2015EC) Grade 12 Entrance: Aptitude Test: English Part, and found the next data.

- ✓ English Part/Verbal Reasoning Questions: **35/60 (58%)**
- ✓ Mathematics Part/Quantitative Reasoning Questions: **25/60 (42%)**
- ✓ The most common focus areas in English Part: **9 Common Areas**

Data: 14 Exams: 2003-2015EC (Ethiopia)

Grade 12: Entrance Exam: Aptitude Questions: English Part

	9 Common Focus Areas	Number of Questions	
		Total	Per Year
1	**Logical and Analytical Reasoning**	119	5-12 Questions
2	**Passage**	103	5-10 Questions
3	**Analogy**	88	4-9 Questions
4	**Sentence Completion**	50	0-8 Questions
5	**Antonyms**	40	2-5 Questions
6	**Synonyms**	40	2-4 Questions
7	**Classification**	27	0-10 Questions
8	**Grammar/Language Focus**	21	0-6 Questions
9	**Advanced Verbal Test Anagrams**	2	0-2 Questions
		490	

By Million Abebe 2024 Version

Note

13 Years Exams: 2003-2015EC (2003-2013, single exam, 2014N and 2014S, 2015S)

Note: The focus of this Exam Techniques is on Aptitude Test: English Language Part!

Logical and analytical reasoning questions and passage questions are the highest in terms of number of questions; they are also the most difficult areas while answering!

2. Use Familiarity Techniques (For Analogy Questions)

'Familiarity Techniques' could work for any aptitude question! Let's see how it could be used to answer analogy questions.

- **Assure familiarity** of the given words: how many of them are familiar to you?
- **Understanding context**: read the given pair of words and understand their relationship.
- **Checking**: Take each choice; cross-check with the given context, and check whether it gives meaning or not.
    - ✓ If it doesn't give meaning, eliminate that choice.
    - ✓ Do the same until you get the choice that gives meaning when inserted!

Analogy Questions

A. Purposes: Students' knowledge of words and also skill/ability to see relationship.

B. Types of questions: In multiple choices questions with 4 choices, there are two most common ways of asking analogy questions:

- ✓ **Analogy with 7 words**: 3 words on question and 4 words (single word) on 4 choices. Look question 1 (below).
- ✓ **Analogy with 10 words**: 2 words on question and 8 words (pairs of words) on 4 choices. Look question 2 (below).

Q.1. CAR is t TRANSPORTATION as GAME is to _____.

A. FOOTBALL B. MANIPULATION

C. INFORMATION D. ENTERTAINMENT

Q.2. CANDLE: WAX is to _____.

A. PAPER: PULP B. BAMBOO: FURNITURE

C. TREE: LEAVES D. BRANCH: WOOD

C. Use Familiarity Techniques:

- ✓ **Assure familiarity** of the given words: how many of them are familiar to you?
- ✓ **Understanding context**: read the given pair of words and understand their relationship.
- ✓ **Checking**: Take each choice; cross-check with the given context, and check whether it gives meaning or not.
    - o If it doesn't give meaning, eliminate that choice.
    - o Do the same until you get the choice that gives meaning when inserted!

D. Application:

Q.1. CAR is t TRANSPORTATION as GAME is to _____.

A. FOOTBALL B. MANIPULATION

C. INFORMATION D. ENTERTAINMENT

Explanation-1

Familiarity of the given words: 100% (7/7) familiar words although the word 'manipulation' (using our body effectively or using others' resources for ones advantage) is rarely used.

Understanding context: Look carefully the relationship between the given words: Purposes/functions/uses (things and their uses). Game is used entertainment.

Ans. D

Q.2. CANDLE: WAX is to _____.

A. PAPER: PULP B. BAMBOO: FURNITURE C. TREE: LEAVES D. BRANCH: WOOD

Explanation-2

Familiarity: 100% (7/7) familiar words

Context/relationship: product and raw material

Checking: The words on choices C and D are unrelated to the given context (whole to part); eliminate them. The words on choices A and B could have 'product and raw material' relationship. In such case, look the order: the given order is 'product' to 'raw material'. The order on choice A is correct but the order on choice B is 'raw material' to 'product'. **Ans. A**

Grade 12 Entrance: Aptitude: Analogy Questions

Instructions: Read each context carefully and then choose the best answer!

Challenge-1

1. BRIDGE is to RIVER as TUNNEL is to _____.

A. mountain B. rock C. nails D. underway

2. READING is to a KNOWLEDGE as WORK is to _____.

A. experience B. engagenment

C. money D. employment

3. GENERATOR: CURRENT

(A) brain: cortex (B) organ: kidney

(C) gland: enzyme (D) muscle: spasm

4. DETAIN: SUSPECT

(A) ambush: patrol (B) confine: prisoner

(C) testify: observer (D) trace: escapee

5. PROSE is to a POETRY as CONVERSATION is to _____.

A. listening B. language C. song D. poem

6. EMBARRASSED is to HUMILAITED as FRIGHTENED is to _____.

A. Courageous B. Reckless C. Terrified D. Agitated

7. OPTIMIST is to CHEERFUL as PESSIMIST is to _____.

A. Mean B. Helpful C. Petty D. Gloomy

8. COLLEGE is related to TEACHERS in the same way as HOSPITAL is related to _____.

A. medicine B. beds C. doctors D. patients

9. MOUNT is to HORSE as ____ is to TRAIN.

(A) ride (B) drive (C) board D. lift

10. WAR is to DESTRUCTION as GERM is to _____.

(A) Doctor (B) Bacteria (C) Disease (D)Hospital

Challenge-2

11. FOOT is to LEG as HAND is to:

(A) FINGERS (B) THUMB (C) TOE (D) ARM

12. BEEF is to OXEN as PORK is to:

(A) LION (B) PIG C. GOAT D. SHEEP

13. BEGIN is to START as EMPLOY is to:

(A) END (B) FIRE C. HIRE D. CELEBRATE

14. TABLE is related to WOOD in the same way as SHIRT is related to _____.

A. dress B. uniform C. cotton D. cloth

15. WALK is related RUN in the same way as BREEZE is related to _____.

A. wind B. air C. dust D. cold

16. WAX is related to GREASE in the same as MILK is related to _____.

A. protein B. curd C. drink D. ghee

17. EXERCISE is to GYM as EATING is to _____.

A. Restaurant B. Drink C. Dieting D. Food

18. The EVENING is to MORNING as DINNER is to _____.

A. Brunch B. Lunch C. Breakfast D. Supper

19. GUN is to BULLET as a BOW is to _____.

A. Sky B. Fly C. Wood D. Arrow

20. PEN is to POET as NEEDLE is to _____.

A. Tailor B. Sewing C. Button D. Thread

Challenge-3

21. PLAY is to ACTOR as CONCERT is to _____.

A. Persuasion B. Piano C. Musician D. Symphony

22. COBBLER is to SHOE as CONTRACTOR is to _____.

A. Boot B. Building C. Horse D. Stone

23. ATLAS: MAP

A. directory: synonyms B. catalogue: dates

C. lexicon: numbers D. glossary: words

24. BOARD: TRAIN is to _____.

A. MOUNT: HORSE B. BICYCLE: DRIVE C. WALK: SHOE D. CHAIR: SIT

25. MUTE: SOUND

A. dampen: enthusiasm B. distract: attention

C. reverse: direction D. test: commitment

26. EAGLE is to BIRD as ROSE is to _____.

A. FLOWER B. ANIMAL C BEAUTIFUL D. GENTLEMAN

27. PROPONENT: THEORY

A. adherent: belief B. attorney: law

C. nonbeliever: sin D. traitor: country

28. ORATOR: ARTICULATE

A. soldier: merciless B. celebrity: talented

C. judge: unbiased D. novice: unfamiliar

29. TITLED: NOBLE

A. elected: candidate B. acclaimed: artist

C. deposed: ruler D. commissioned: officer

30. MARATHON is to RACE as HIBERNATION is to _____.

A. Sleep B. Bear C. Winter D. Dream

31. CUP is to COFFEE as BOWEL is to _____.

A. Spoon B. Food C. Dish D. Soup

32. EXERCISE is to GYM as EATING is to _____.

A. Restaurant B. Drink C. Dieting D. Food

33. The EVENING is to MORNING as DINNER is to _____.

A. Brunch B. Lunch C. Breakfast D. Supper

34. GUN is to BULLET as a BOW is to _____.

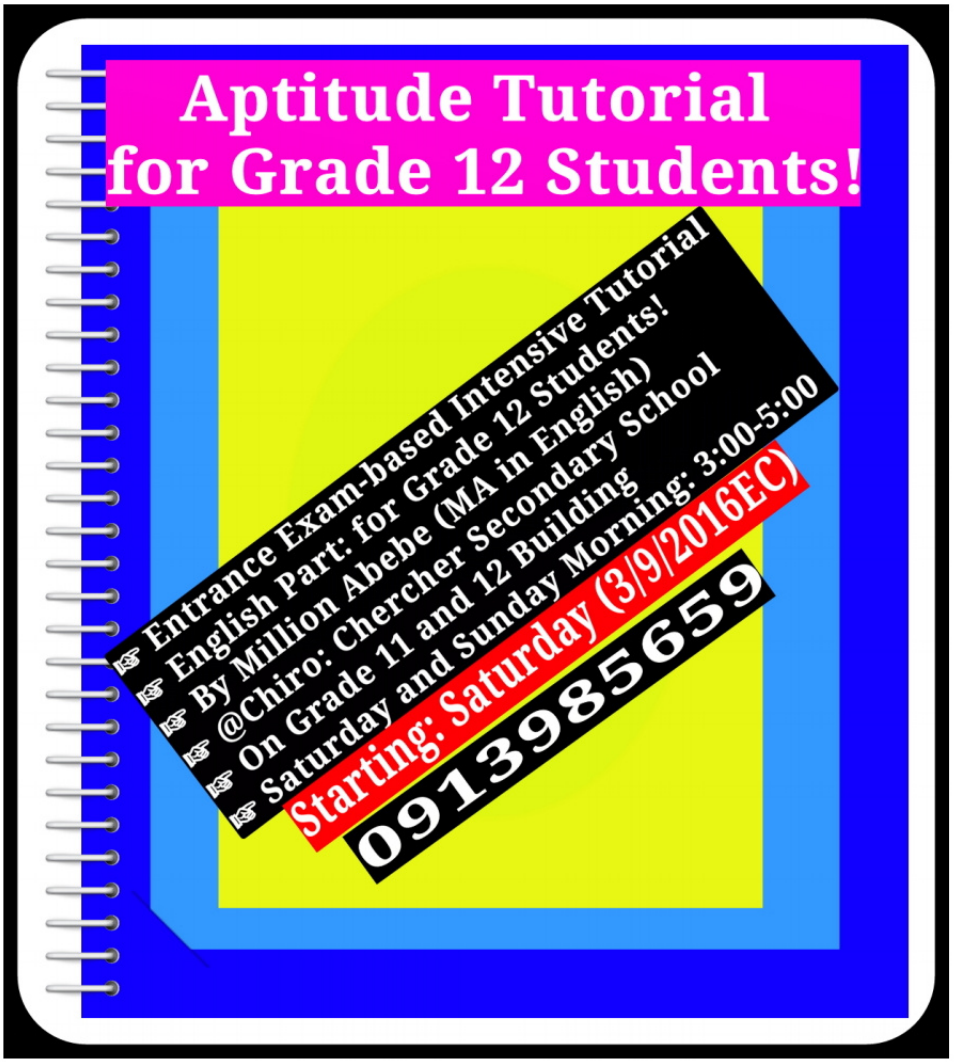
A. Sky B. Fly C. Wood D. Arrow

35. PEN is to POET as NEEDLE is to _____.

A. Tailor B. Sewing C. Button D. Thread

- For more, you could attend "Aptitude Tutorial (By Million Abebe)"
- Detail explanations (on each of the above mentioned focus areas) are given in our "Aptitude Tutorial
  - **አንዱ የቲቶሪያላችን አካል የAptitude ጥያቄዎች አሰራር ሲይስተም/ቴክኒክ ማሳየት ነው!**
  - **Titooriiyaalii keenya keessaa inni tokko "Toftaa Gaaffiilee 'Aptitude' ittiin Hojjetan Garsiisuudha"!**
    - Saturday and Sunday Morning
      - ✓ **Saturday 3:00-5:00**
      - ✓ **Sunday 3:30-5:30**

@Chiro (West Hararghe): Chercher Secondary School: On Grade 11 and 12 Building



Telegram Channel: **Yes Supportive Education** https://t.me/yesedu

Answers for Entrance Aptitude Test: English Part

By Million Abebe (MA in English)

1. A
2. C
3. C
4. D
5. A
6. C
7. D
8. C
9. C
10. C
11. D
12. B
13. C
14. C
15. A
16. B
17. A
18. C
19. D
20. A
21. C
22. B
23. D
24. D
25. A
26. B
27. A
28. B
29. D
30. A