



BAL BHARATI PUBLIC SCHOOL, PITAMPURA, DELHI – 110034

Critical Thinking Worksheet

Serial No.1

Class – 9 & 10

Q1. Some carbohydrate-rich foods, like bread, can be digested almost immediately to glucose. Others, like brown rice, are digested much more slowly. Foods that quickly get digested to glucose are said to have a high glycemic index.

High-glycemic	Low-glycemic
Potatoes	Most Legumes
Bananas	Whole fruits
White bread	Whole Wheat
White rice	Oats
French fries	Bran
Refined cereals	Brown rice
White spaghetti	Barley
Soft drinks	Whole grain cereals
Sugar	Couscous

Which of these conclusions can be correctly drawn from the table showing high and low glycemic foods?

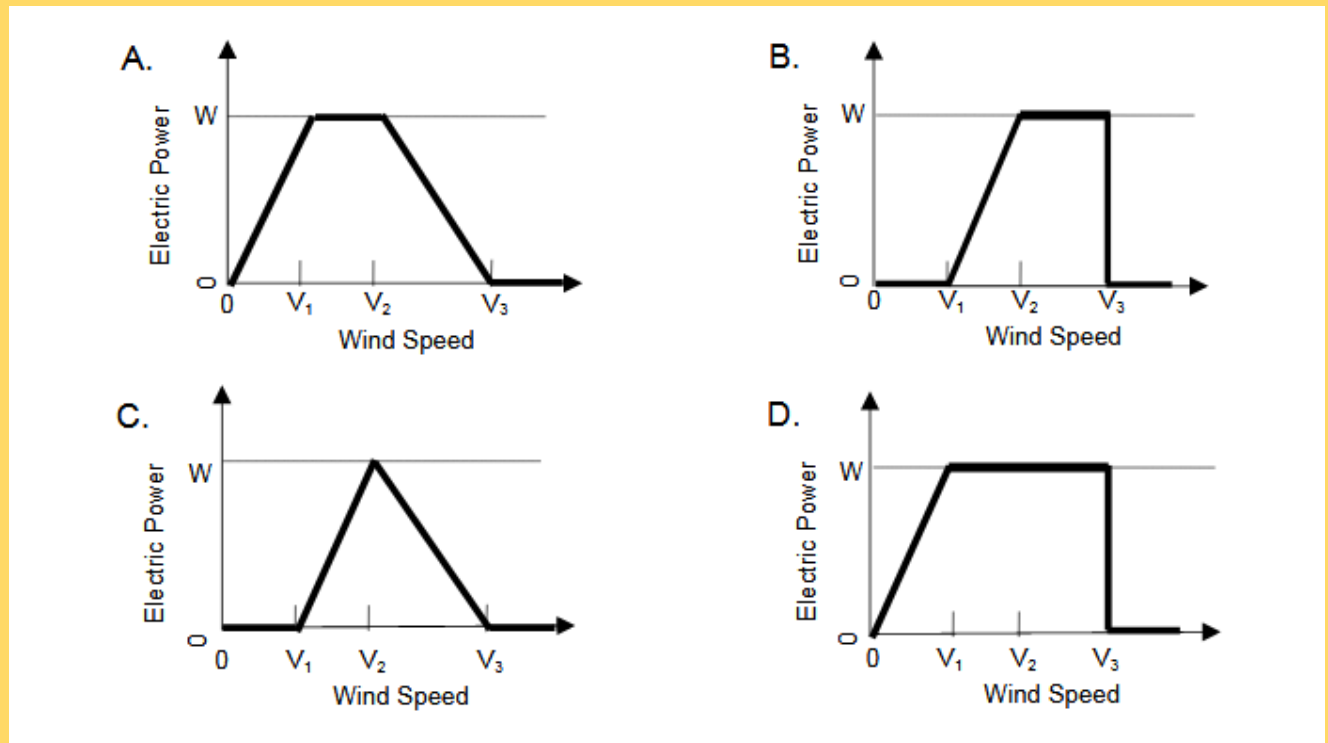
- A. Cereals are high glycemic foods
- B. Fruits are low glycemic foods
- C. Processed foods are high glycemic foods
- D. Foods made from rice are low glycemic foods

Q2. WIND FARMS

The stronger the wind, the faster the windmill blades rotate and the greater the electric power output. However, there is not a direct relationship between wind speed and electric power in a real setting. Below are four working conditions of electricity generation in a real wind farm.

- The windmill blades start rotating when the wind speed reaches V_1 .
- The electric power output reaches a maximum (W) when the wind speed is V_2 .
- For safety reasons, the blades are prevented from rotating faster than they do when the wind speed is V_2 .
- The blades stop rotating when the wind speed reaches V_3 .

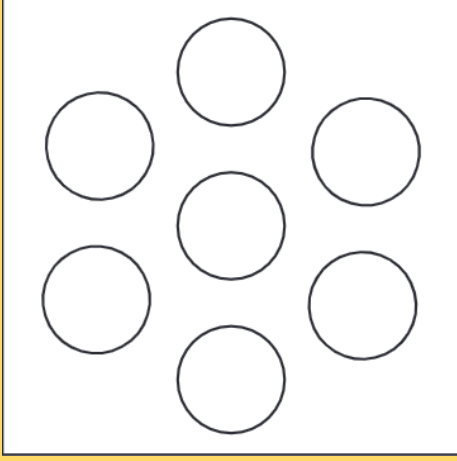
Which one of the following graphs best represents the relationship between wind speed and electric power output under these working conditions?



Q3.

Pile of Cans

Alka loves to organize cans in triangular piles, where each row has one can less than the row below and there is only one can in the top row. To arrange 10 cans in total, she places 4 cans in the bottom row and 3 cans in the row above it and so on.



Q5.

इस वर्ग-पहेली में रामायण से जुड़े २० पत्रों के नाम छिपे हैं। उन्हें चुनकर उनपर गोले का निशान लगाएँ।

क	श	त्रु	घ्न	उ	क	क	क	सु	क
क	क	क	क	मि	क	वि	क	मि	क
क	क	मे	क	ला	क	भी	क	त्रा	क
क	क	घ	क	क	क	ष	कै	के	यी
क	क	ना	क	रा	व	ण	ह	सी	ता
अं	ग	द	क	म	क	क	नु	क	क
क	क	श	ब	री	क	क	मा	री	च
क	भ	र	त	ज	टा	यु	न	क	म
क	क	थ	क	न	क	क	क	क	तं
क	ल	क्ष्म	ण	क	क	कौ	श	ल्या	ग

BBPS, PITAMPURA

ANSWER KEY

CLASS IX CRITICAL THINKING WORKSHEET 1

Ans1 Fielding and Collier happened to write for 'CRY' a novel that was their joint venture.

But, according to the contemporaries it was solely the work of Fielding.

Ans2. Option b Their joint authorship of correspondence.

Ans3. Option d Parts of it were written jointly by Fielding and Collier.

Ans4

1. Show a sign of guilt or shame

2. To fight with extreme fierceness

3. An achievement to be proud of

4. Seek favours by using someone's influence

5. An important issue

6. Skilled at deception

7. Somebody experienced

8. Someone who takes care in small matters but leaves important matters carelessly

ANSWER KEY TO CRITICAL THINKING WORKSHEET 1

CLASS X

ENGLISH

A1 Subjective

A2. i) Introvert

ii) Altruist

iii) Selfish

iv) Ambidextrous

A3,

Confident	Funny	Stupid	Intelligent	Dull
Extrovert	Hilarious	Crazy	Brainy	Thick
Certain	Comical	Silly	Witty	Boring
Outgoing	Droll	Idiot	Genius	Amusing
Sure	Humorous	Dumb	Gifted	Uninteresting
			Clever	Tedious
			Bright	Dreary
				Dry

A4. i) c) an advertisement

ii) c) ignorant

iii) b) contributing one's share

iv) a) comic

v) Subjective

Girl- caring/ loving/ concerned

Boy- innocent/ smart/ witty