2018 GRADE 7 TECHNOLOGY JUNE MEMO

Question 1

1.1. C√
1.2. D√
1.3. A√
1.4. C√
1.5. B√

[5]

Question 2[a]
2.1.1D√
2.1.2.B√
2.1.3.E√
2.1.4.A√
2.1.5.C√

[5]
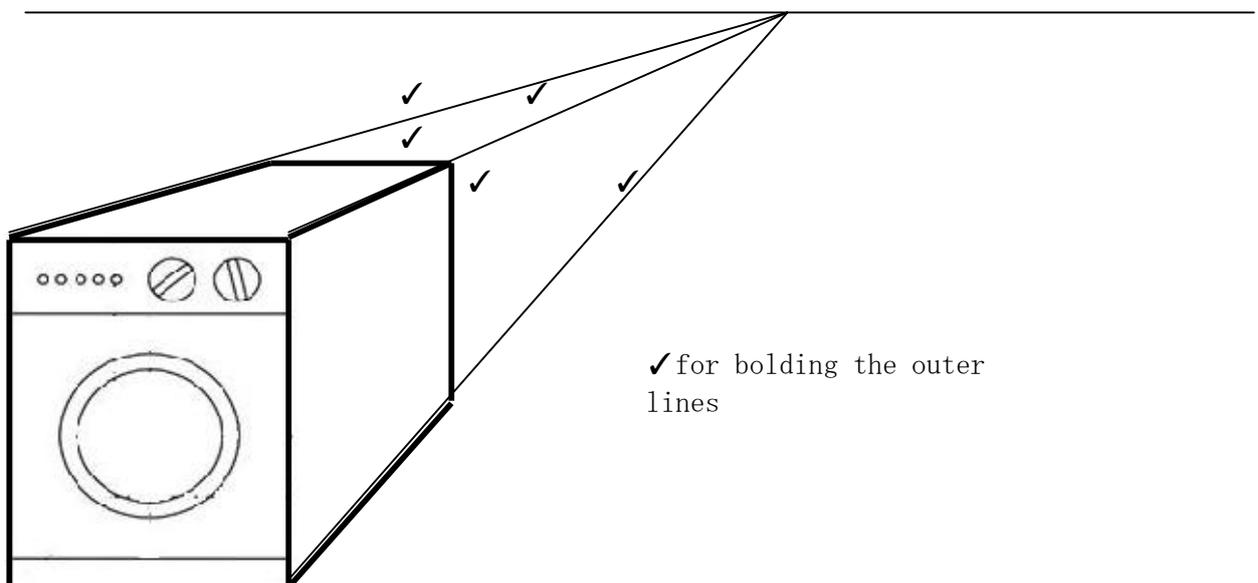
Question 2[b]
2.2.1. True√
2.2.2. True√
2.2.3.False√
2.2.4. False√
2.2.5 False√   [5]

Question 3
3.1.Reccomend a washing machine capable of washing 13kg of clothes at a go.√√
3.2.The machine should meet all the criteria and it should be in a proper working condition√√
3.3.a.This line shows the outer side of the machine.√
b.The line that shows the hidden details inside the machine itself.√
c.The line that shows the centre of the machine.√
d.The line that shows the length of a certain side.√
3.4.

✓for bolding the outer lines

3.5. Acute angle [45◦]√

3.6.Learners learn skills,knowledge and values that help them to solve problems that they encounter in their everyday life.√√

[17]

QUESTION 4

4.1.Who is the product/structure for?√

4.2. What is it for?√

4.3. Will it do what it is meant for [the purpose]?√

4.4. How much will it cost/Is it cost effective?√

4.5. Is it easy to use?√

[5]

Question 5[a]

Name of structure	Man-made	Natural	Shell	Frame
A.Human skeleton		√		√
B.Cellphone tower	√			√
C.Egg shell		√	√	
D.Eiffel tower	√			√
E.Ballon	√		√	

[10]

Question 5[b]

5.2.1 a. Shell√

b.Frame√

c. Solid√

5.2.2.a.House/tent√

b.Shelter/bus stop shelter√

5.2.3.a.Electric pylon√

b.Bridges/chairs√

5.2.4.a.Cupboard/bottles√

b.Cardboard boxes√

[9]

Question 6

6.1 Wood√ steel√ plastic√

6.2 Wood-----varnish/paint√

    Iron-----paint√

6.3 Shell√√

6.4 a.Hammer/hacksaw√

    b.Screw driver/drill bits√

6.5 a.It must have a table section that is attached to a wooden seat.√

b.Must have a back rest.√

c.Must have a storage space for learners books.√

d.Must be comfortable.√

e.Size must suit learners of different ages.√ [14]

Question 7

7.1 a. The base should be broad/wide√√

b.It should be lighter at the top and heavier at the bottom./The height should be as low as possible.√√

7.2 a.Triangulation√

b.Cross bracing√

7.3 People want to avoid accidents caused by falling/collapsing steel stands√√

7.4 a.Poor workmanship√

b.Poor quality of materials√

[10]

GRAND-TOTAL:[80]