CHAPTER

06

GEOMETRICAL FIGURE COMPLETION

Geometrical figure completion test is based on formation of a square/circle/triangle by joining the piece given in the question figure with an another piece given in one of the options.

In the questions based on geometrical figure completion, a question figure which represents an incomplete square/circle/triangle is given, followed by four answer figures and only one of these four answer figures is appropriate to make a complete square/circle/triangle with the piece given in the question figure. A candidate is required to find out the correct answer figure.

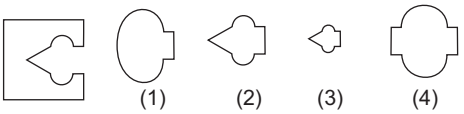
Example **1.**

Que. Fig. **Ans. Fig.**

Sol. (4) Answer figure (4) will complete the question figure of square.

Example **2.**

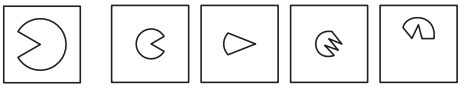
Que. Fig. **Ans. Fig.**



Sol. (2) Answer figure (2) will complete the question figure of square.

Example **3.**

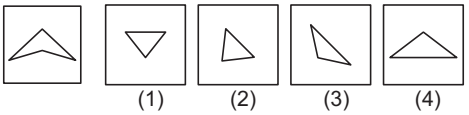
Que. Fig. **Ans. Fig.**



Sol. (2) Answer figure (2) will complete the question figure of circle.

Example **4.**

Que. Fig. **Ans. Fig.**



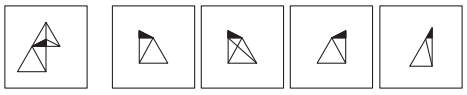
Sol. (4) Answer figure (4) will complete the question figure of triangle.

Entrance Corner

Directions (Q. Nos. 1-43) *In the following questions, one part of a geometrical figure (square, circle, triangle) is given on the left hand side that is question figure and the other one is among the four answer figures marked as* (1), (2), (3) *and* (4) *on the right hand side. Find the figure on the right hand side that completes the geometrical figure. Encircle the number given below the answer figures.*

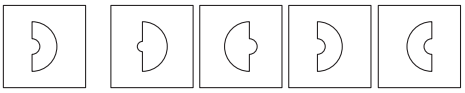
Ques. Fig. **Ans. Fig.**

1.



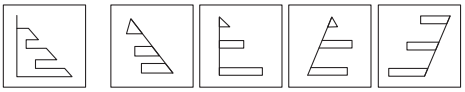
[JNV 2019]

2.



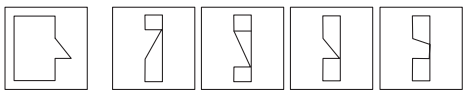
[JNV 2019]

3.



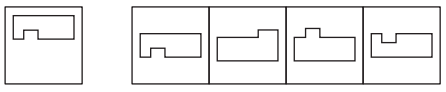
[JNV 2019]

4.



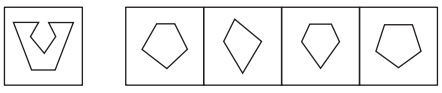
[JNV 2019]

5.



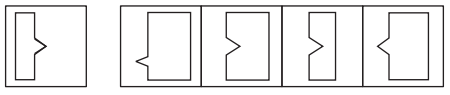
[JNV 2018]

6.



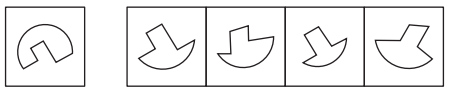
[JNV 2018]

7.



[JNV 2018]

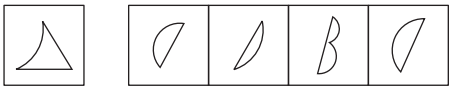
8.



[JNV 2018]

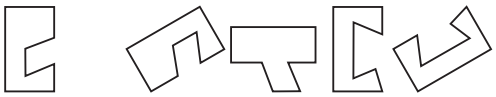
Ques. Fig. **Ans. Fig.**

9.



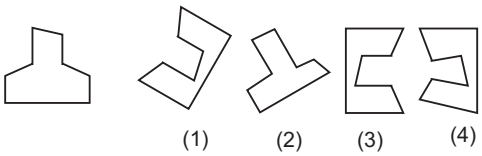
[JNV 2018]

10.



[JNV 2017, 2005]

11.



[JNV 2017, 2005]

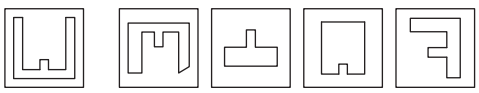
12.

[JNV 2017]

13.

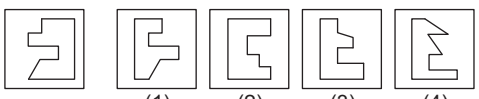
[JNV 2016, 2015]

14.



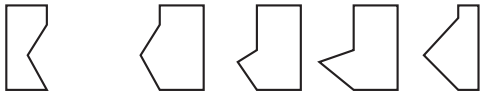
[JNV 2016]

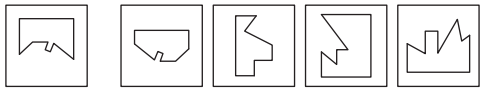
15.

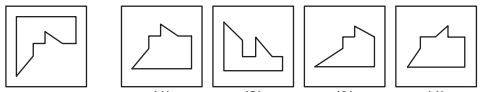


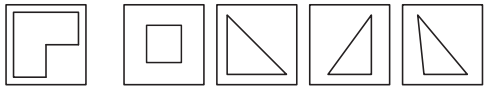
[JNV 2016]

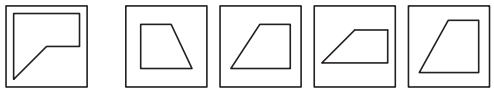
Ques. Fig. **Ans. Fig.**

16. 
(1) (2) (3) (4)
[JNV 2015, 2003]

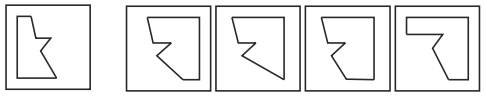
17. 
(1) (2) (3) (4)
[JNV 2015]

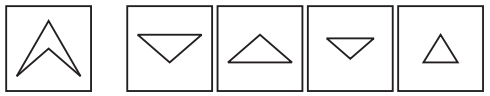
18. 
(1) (2) (3) (4)
[JNV 2015]

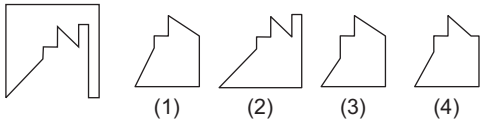
19. 
(1) (2) (3) (4)
[JNV 2014]

20. 
(1) (2) (3) (4)
[JNV 2014]

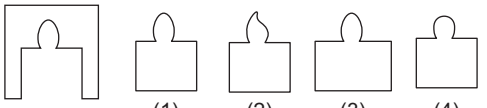
21. 
(1) (2) (3) (4)
[JNV 2013]

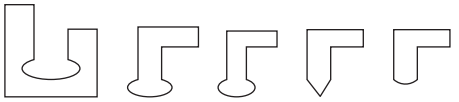
22. 
(1) (2) (3) (4)
[JNV 2013]

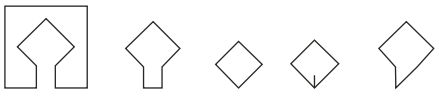
23. 
(1) (2) (3) (4)
[JNV 2013]

24. 
(1) (2) (3) (4)
[JNV 2012]

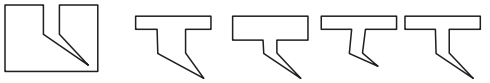
Ques. Fig. **Ans. Fig.**

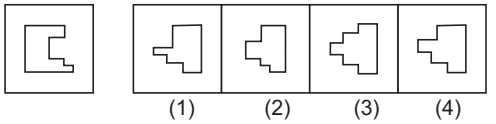
25. 
(1) (2) (3) (4)
[JNV 2012]

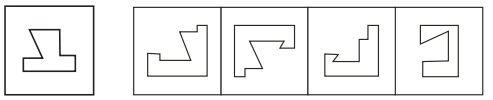
26. 
(1) (2) (3) (4)
[JNV 2011]

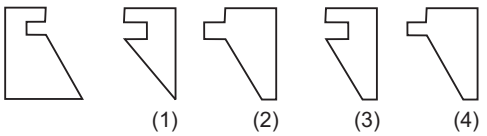
27. 
(1) (2) (3) (4)
[JNV 2011]

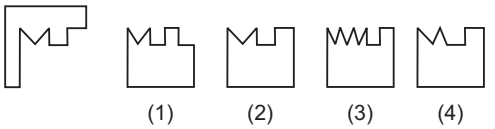
28. 
(1) (2) (3) (4)
[JNV 2010]

29. 
(1) (2) (3) (4)
[JNV 2010]

30. 
(1) (2) (3) (4)
[JNV 2009]

31. 
(1) (2) (3) (4)
[JNV 2009]

32. 
(1) (2) (3) (4)
[JNV 2008]

33. 
(1) (2) (3) (4)
[JNV 2007]

Ques. Fig. **Ans. Fig.**

34. 

(1) (2) (3) (4)

[JNV 2004]

35. 

(1) (2) (3) (4)

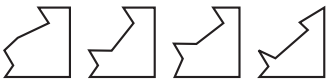
[JNV 2004]

36. 

(1) (2) (3) (4)

[JNV 2002]

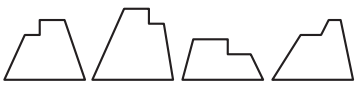
37. 



(1) (2) (3) (4)

[JNV 2001]

38. 



(1) (2) (3) (4)

[JNV 2001]

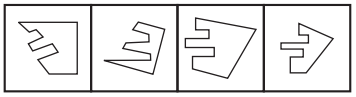
Ques. Fig. **Ans. Fig.**

39. 

(1) (2) (3) (4)

[JNV 2000]

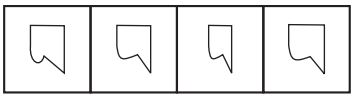
40. 



(1) (2) (3) (4)

[JNV 2000]

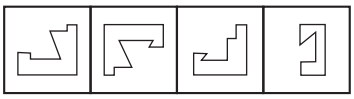
41. 



(1) (2) (3) (4)

[JNV 2000]

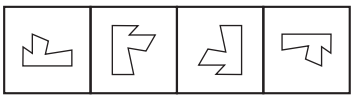
42. 



(1) (2) (3) (4)

[JNV 1999]

43. 



(1) (2) (3) (4)

[JNV 1999]

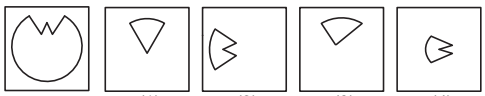
Answers

1 *(1)*	**2** *(2)*	**3** *(1)*	**4** *(3)*	**5** *(3)*	**6** *(3)*	**7** *(2)*	**8** *(1)*	**9** *(2)*	**10** *(2)*
11 *(3)*	**12** *(2)*	**13** *(4)*	**14** *(3)*	**15** *(1)*	**16** *(1)*	**17** *(1)*	**18** *(1)*	**19** *(1)*	**20** *(3)*
21 *(1)*	**22** *(2)*	**23** *(2)*	**24** *(2)*	**25** *(1)*	**26** *(1)*	**27** *(1)*	**28** *(1)*	**29** *(4)*	**30** *(2)*
31 *(4)*	**32** *(4)*	**33** *(2)*	**34** *(1)*	**35** *(4)*	**36** *(1)*	**37** *(3)*	**38** *(1)*	**39** *(3)*	**40** *(3)*
41 *(4)*	**42** *(4)*	**43** *(2)*							

Practice Exercise

Directions (Q. Nos. 1-40) *In the following questions, one part of a square is given on the left hand side that is question figure and the other one is among the four answer figures marked as* (1), (2), (3) and (4) *on the right hand side. Find the figure on the right hand side that completes the square. Encircle the number given below the answer figures.*

Que. Fig. **Ans. Fig.**

1. 
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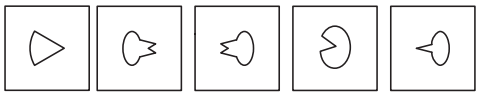
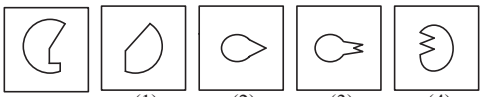
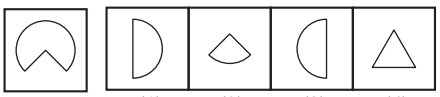
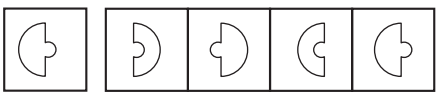
2. 
(1) (2) (3) (4)

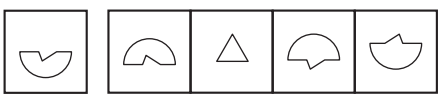
3. 
(1) (2) (3) (4)

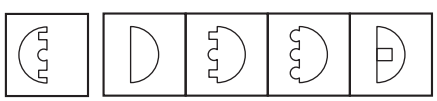
4. 
(1) (2) (3) (4)

5. 
(1) (2) (3) (4)

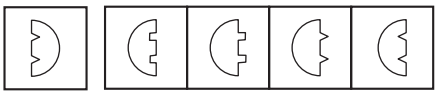
6. 
(1) (2) (3) (4)

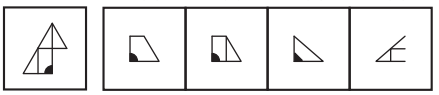
7. 
(1) (2) (3) (4)

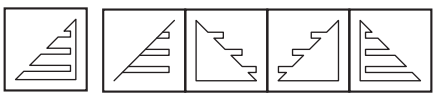
8. 
(1) (2) (3) (4)

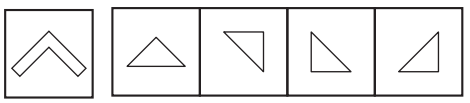
9. 
(1) (2) (3) (4)

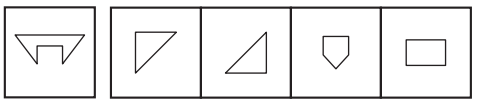
Que. Fig. **Ans. Fig.**

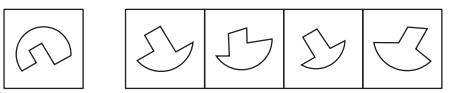
10. 
(1) (2) (3) (4)

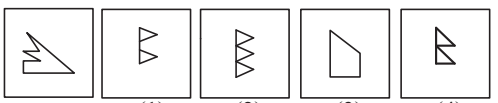
11. 
(1) (2) (3) (4)

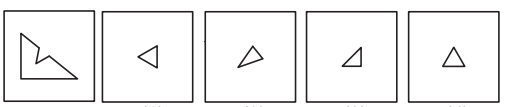
12. 
(1) (2) (3) (4)

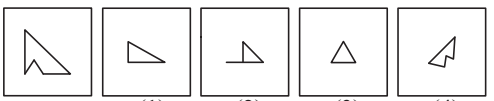
13. 
(1) (2) (3) (4)

14. 
(1) (2) (3) (4)

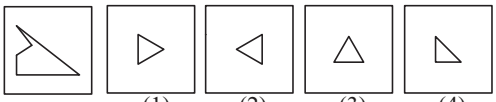
15. 
(1) (2) (3) (4)

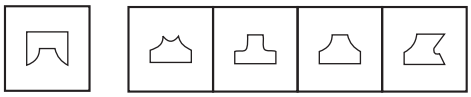
16. 
(1) (2) (3) (4)

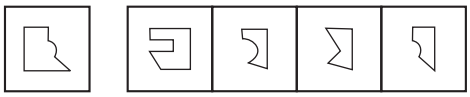
17. 
(1) (2) (3) (4)

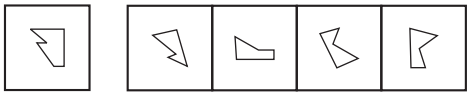
18. 
(1) (2) (3) (4)

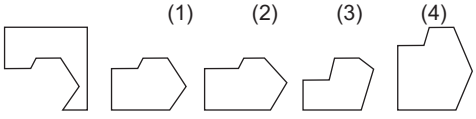
Que. Fig. **Ans. Fig.**

19. 
(1) (2) (3) (4)

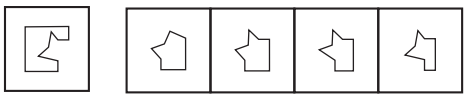
20. 
(1) (2) (3) (4)

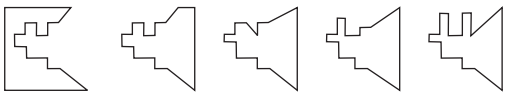
21. 
(1) (2) (3) (4)

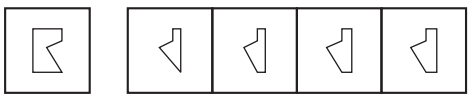
22. 
(1) (2) (3) (4)

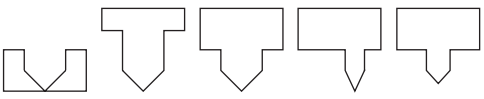
23. 
(1) (2) (3) (4)

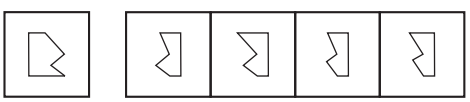
24. 
(1) (2) (3) (4)

25. 
(1) (2) (3) (4)

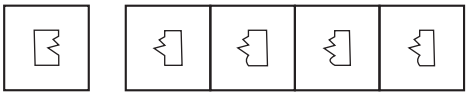
26. 
(1) (2) (3) (4)

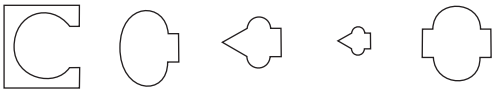
27. 
(1) (2) (3) (4)

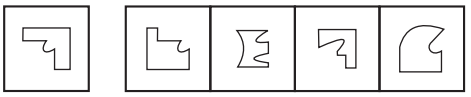
28. 
(1) (2) (3) (4)

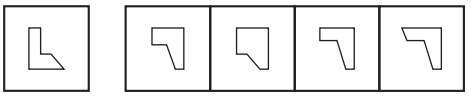
29. 
(1) (2) (3) (4)

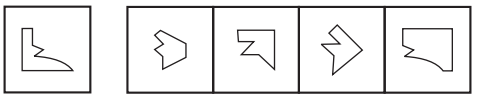
Que. Fig. **Ans. Fig.**

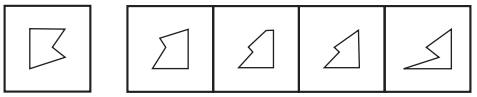
30. 
(1) (2) (3) (4)

31. 
(1) (2) (3) (4)

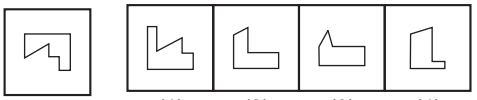
32. 
(1) (2) (3) (4)

33. 
(1) (2) (3) (4)

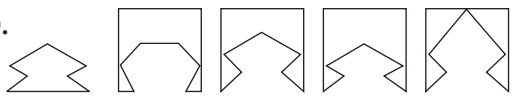
34. 
(1) (2) (3) (4)

35. 
(1) (2) (3) (4)

36. 
(1) (2) (3) (4)

37. 
(1) (2) (3) (4)

38. 
(1) (2) (3) (4)

39. 
(1) (2) (3) (4)

40. 
(1) (2) (3) (4)

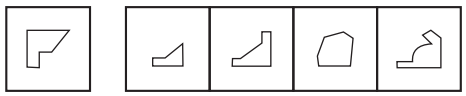
Answers

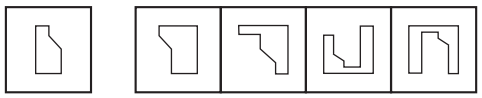
1 *(2)*	**2** *(3)*	**3** *(1)*	**4** *(4)*	**5** *(2)*	**6** *(2)*	**7** *(1)*	**8** *(3)*	**9** *(2)*	**10** *(3)*
11 *(2)*	**12** *(1)*	**13** *(1)*	**14** *(3)*	**15** *(3)*	**16** *(4)*	**17** *(2)*	**18** *(3)*	**19** *(1)*	**20** *(3)*
21 *(4)*	**22** *(1)*	**23** *(1)*	**24** *(1)*	**25** *(4)*	**26** *(1)*	**27** *(3)*	**28** *(2)*	**29** *(2)*	**30** *(1)*
31 *(1)*	**32** *(1)*	**33** *(2)*	**34** *(4)*	**35** *(4)*	**36** *(3)*	**37** *(1)*	**38** *(1)*	**39** *(3)*	**40** *(1)*

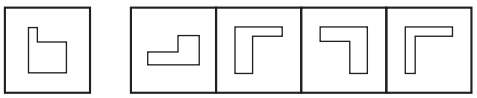
Self Practice

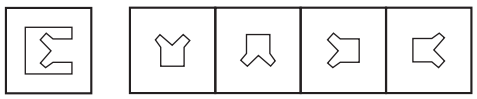
Directions (Q. Nos. 1-30) *In the following questions, one part of a square is given on the left hand side that is question figure and the other one is among the four answer figures marked as* (1), (2), (3) and (4) *on the right hand side. Find the figure on the right hand side that completes the square.*

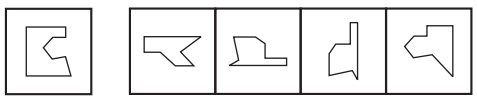
Que. Fig. Ans. Fig.

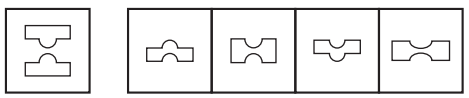
1. 

2. 

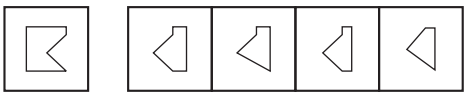
3. 

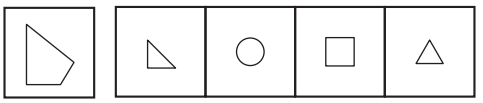
4. 

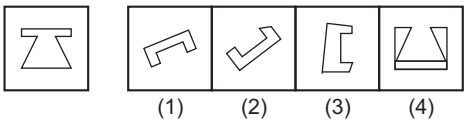
5. 

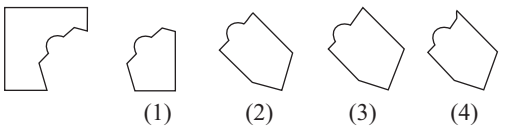
6. 

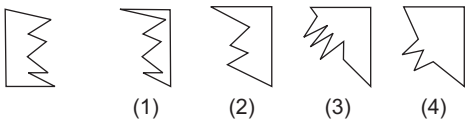
Que. Fig. Ans. Fig.

7. 

8. 

9. 

10. 

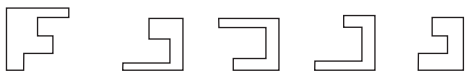
11. 

12. 

Que. Fig. **Ans. Fig.**

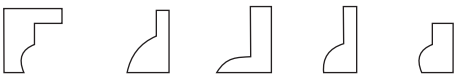
13. 
(1) (2) (3) (4)

14. 
(1) (2) (3) (4)

15. 
(1) (2) (3) (4)

16. 
(1) (2) (3) (4)

17. 
(1) (2) (3) (4)

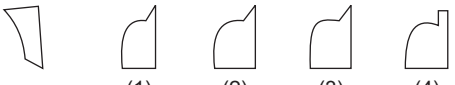
18. 
(1) (2) (3) (4)

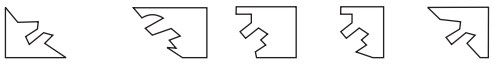
19. 
(1) (2) (3) (4)

20. 
(1) (2) (3) (4)

21. 
(1) (2) (3) (4)

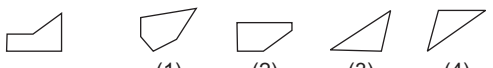
Que. Fig. **Ans. Fig.**

22. 
(1) (2) (3) (4)

23. 
(1) (2) (3) (4)

24. 
(1) (2) (3) (4)

25. 
(1) (2) (3) (4)

26. 
(1) (2) (3) (4)

27. 
(1) (2) (3) (4)

28. 
(1) (2) (3) (4)

29. 
(1) (2) (3) (4)

30. 
(1) (2) (3) (4)

Answers

1 *(1)*	**2** *(1)*	**3** *(3)*	**4** *(3)*	**5** *(4)*	**6** *(2)*	**7** *(1)*	**8** *(4)*	**9** *(4)*	**10** *(1)*
11 *(1)*	**12** *(1)*	**13** *(3)*	**14** *(1)*	**15** *(4)*	**16** *(2)*	**17** *(3)*	**18** *(4)*	**19** *(1)*	**20** *(1)*
21 *(4)*	**22** *(1)*	**23** *(4)*	**24** *(3)*	**25** *(2)*	**26** *(2)*	**27** *(1)*	**28** *(2)*	**29** *(3)*	**30** *(1)*