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ITB295/ITN295 – XML	Tutor:	Timeslot:

Review Questions on XPath (The Couple Document)

Q1. In relation to the `couple.xml` document, suppose that the context node is node 4. Identify the node set that is selected by:

1. `child::text()`

- a. 8
- b. 9
- c. 10
- d. 11
- e. 12

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Q2. In relation to the `couple.xml` document, suppose that the context node is node 2. Identify the node set selected by:

1. `/descendant-or-self::text()`

- a. 10, 13
- b. 8, 9, 10, 11, 12, 13
- c. 3, 5, 8, 11
- d. 3, 5, 7, 10, 13
- e. 3, 5, 7

Q3. In relation to the `couple.xml` document, identify the node set that is selected by:

1. `//attribute::*`

- a. 8, 9, 10, 11
- b. 9, 10
- c. 10, 9
- d. 11, 12, 8, 9
- e. 12, 13

Q4. In relation to the `couple.xml` document, identify the node set that results from:

1. `/couple/person`

- a. 4
- b. 6
- c. 4, 6
- d. None of the above.

Q5. In relation to the `couple.xml` document, suppose that the context node is node 2. Identify the node set selected by:

1. `child::*`

- a. 3, 4, 5, 6, 7
- b. 4, 5, 6
- c. 4, 6
- d. 2, 4, 6, 10, 13
- e. None of the above.

Q6. In relation to the `couple.xml` document, suppose that the context node is node 4. How could we use the *unabbreviated syntax* to identify node 9?

- a. `attribute::sex`
- b. `@::sex`
- c. `@sex`
- d. `child::sex`
- e. `descendant::sex`

Q7. In relation to the `couple.xml` document, suppose that the context node is node 4. How could we use the *unabbreviated syntax* to identify node 10?

- a. `child::Sue`
- b. `child::self-or-Sue`
- c. `child::sms()`
- d. `child::node()`

Q8. In relation to the `couple.xml` document, suppose that the context node is node 12. Identify the node set selected by:

1. `ancestor::*`

- a. 1, 4
- b. 12, 6, 2
- c. 12, 6, 5, 4, 3, 2
- d. 2, 6

Q9. In relation to the `couple.xml` document, suppose that the context node is node 2. The following expression is valid.

1. `child::Person[@age and @height]`

- a. True

b. False

Q10. In relation to the `couple.xml` document, suppose that the context node is node 2. The following expression returns an empty node set.

1. `child::Person[@sex='m'] [2]`

a. True

b. False

Q11. In relation to the `couple.xml` document, suppose that the context node is node 2. The following expression returns an empty node set.

1. `child::Person[2][@sex='m']`

a. True

b. False